SAFETY

simulation for medical practice

SIMULATION APPROACH FOR EDUCATION AND TRAINING IN EMERGENCY

R8.2 Overall Evaluation Report

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Project partners' evaluation

I QUARTERLY REPORT

Period November 2020 – January 2021

During the first months of project activities, although some difficulties due to the Covid-19 pandemic limiting personal contacts and absorbing the doctors and experts working in the hospitals among involved countries, the partners started to interact through different online meetings and the main paths to follow were settled down. In particular, the tasks related to the WP1 and Wp2, the most important to obtain the main information about target groups needs to further structure the new training courses, were discussed and planned. The other complementary and more transversal WPs (6, 7, 8, 9) were also managed and the first activities started in order to ensure a smooth project management, quality evaluation and dissemination. Promptly it was developed the project website and other social media tools adopted to increase project visibility and enlarge the network. The partners started to upload news on the website and interact with the associate partners to attract target groups interests.

EFFECTIVENESS AND EFFICIENCY OF THE PARTNERSHIP
Results of the internal consultation: The consortium is composed of people that are skilled on emergency and international cooperation, working together, sharing experiences and all looking to the same goals for the project success and its exploitation. Everybody is active and in synergy within the whole project team. **Corrective measures to be adopted:** So far all partners are doing their best to keep everything on track and stay connected each other.

Of course, as soon as it will be possible to travel and interact physically with the people, it will be much easier to meet and discuss together about the project implementation.

COMMUNICATION WITHIN THE PARTNERSHIP
Results of the internal consultation: All communication tools (emails, online meetings, phone calls, etc.) were useful to keep the communication always alive. So far partners are organizing meetings when necessary and keeping timeline as foreseen, sending reminder and interacting directly with interested partners. In this period they have all been in touch and all progress made by the partners (in particular WP leaders) are known and shared. **Corrective measures to be adopted:** No, the communication system is working well.

WP ANALYSIS

WP1 – Desk Research on HEIs training offer and simulation activity for Emergency Training

WP Leader: HUBc

Expected start date	M1
Expected end date	M12
Actual start date	*M1*
Actual end date	*M12*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements:

HUBc has been able to meet with all the partners and discuss the initial action plan for WP1 by two virtual meetings on the 14th December 2020 and 3rd February 2021. Goals achieved:

1. Designation of a national coordinator for each country
2. Consensus on the LITERATURE RESEARCH strategy regarding team composition
3. Identification of a clear potential source of information with an acceptable dimension of sample for each partner country and Europe during the DESK RESEARCH:
    - University or tertiary hospitals
    - Universities with medicine school and nursing school
    - Prehospital services or emergency services
    - National scientific societies involved in the emergency field
    - European scientific societies involved in the emergency field
    - National/European simulation centers
    - Current good practices from our private partners and well recognized simulation societies

4. Consensus on the type of information to be collected during the DESK RESEARCH. We have created a first version of a guide collection form.

5. Consensus on the methodology to collect and deliver the information during the DESK RESEARCH: RedCap (Storage and analysis informatics resource) is going to be used.

6. Definitions of deadlines and duties. **Main suggestions to the WP Leader:** UNIFG: UniFg team has participated during the meetings dedicated to this WP and supported with the information and feedbacks on the desk research methodology.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: Some concepts such as "Good practices" were ambiguous and could lead to different interpretations. It was solved by sharing it with the organizers and the rest of the partners. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: HUBc does not expect problems to implement this WP. However, we are going to do a local pilot test to detect potential problems in data collection and propose solutions to partners before validation. To keep deadlines in mind, we propose to create a common calendar where the common and specific deadlines are displayed. **Corrective measures to be adopted:** According to the agreed upon action plan, the consortium expects things to run smoothly.

WP2 – Training needs analysis and definition of the Body of Knowledge of the Emergency Simulation
WP Leader: UNIFG

Expected start date	M2
Expected end date	M13
Actual start date	*M2*
Actual end date	*M13*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: The WP2 started on month 2, according to the project description, and the WP leader (UniFg team) presented to all partners the main objectives and work plan to follow during an online meeting (16-12-2020) dedicated to this WP. During the first meeting, the UniFg team introduced the documents to prepare in order to organize and plan all activities foreseen within WP2. In particular, it was discussed the importance of the Action Plans for all target groups investigation and the structure of the questionnaires to use for the needs survey. The meeting resulted useful because it opened the discussion about the aspects to include in the questionnaire and categories

of people to involve in the target groups. During this period, the UniFg team worked on the draft of both Action Plan and questionnaires for Students and Academics/Experts, sending them as drafts to all partners and collect feedbacks in order to improve everything. More details were then discussed again with all partners during an online meeting (22-01-2021) where it was also decided the timeline to follow for the questionnaires implementation, pilot test and when to start the real survey with students and academics/experts. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: There were no problems during the first months of implementation of this WP. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: UNIFG does not expect problems for the coming period and everything seems to be planned and on track. Of course, a delay could be an issue during the survey performance, and for this we have foreseen an intermediate check to verify the response rate by the target group in order to expand the questionnaires to many people and make sure to obtain the expected numbers for the needs analysis. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP6 – Project management
WP Leader: UNIFG

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: The management activities, in charge of the UniFg team, supported by Valuedo, are proceeding well and all partners are contributing actively to the project implementation. The kickoff meeting was organized and performed in 2 main online sessions. Respectively, the meetings were held on 25-11-2020 and 26-11-2020, where the main project's objectives were presented and all partners had occasion to introduce themselves. Moreover, main aspects related to project management, reporting and implementation were deeply discussed. To this aim, all documents for quarterly

reports were shared with all partners, such as timesheets, technical reporting templates and other supporting documents. To facilitate project follow-up and information sharing among partners, ad-hoc meetings are organized by the management team. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: There were no problems during the first months of implementation of this WP. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: UNIFG does not expect any problems for the coming period and everything seems to be planned and on track. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP7 – Quality Assurance
WP Leader: VALUEDO

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: VALUEDO presented during the kick-off meeting the main tools for ensuring the quality of processes and results. The QAP and first QR were sent by the deadline of the first quarter. Valuedo will check if all the partners have clearly understood how to use the quality tools in next quarter and through this QR. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.

Problems experienced during the WP implementation: No problems occurred so far. Valuedo will be at partners' disposal for supporting them adopt the QA tools. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: No problems are expected, as the tools are easy to adopt. If problems will have doubts or encounter problems, ValueDo is ready to support them. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP8 – Project Evaluation
WP Leader: EICD

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: EICD is responsible for the project evaluation with the support of Valuedo and using the quarterly reports in completing our task. During the kick-off meetings, we have presented the plan and responsibilities for this work package, which is to be continued throughout the entire duration of the project. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: EICD has not had problems so far. EICD is looking forward for the collaboration with WP7 Manager Valuedo for completing the project evaluation so far. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions:

EICD team does not expect any problems so far, but EICD is eager to solve quickly if something emerged.

Corrective measures to be adopted:

No corrective measures to be adopted.

WP9 – Dissemination and Exploitation of results
WP Leader: INFOTECH

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements:

The dissemination activities, in charge of the Infotech team, supported by Valuedo, are proceeding well and all partners are contributing actively to the development of dissemination activities and PR materials. The kickoff meeting was performed in 2 sessions - on 25-11-2020 and 26-11-2020 - where the main project's objectives were presented and all partners had occasion to introduce themselves. Moreover, main aspects related to the Dissemination Plan, dissemination activities, PR materials were deeply discussed. To this aim, all useful information for a good dissemination, official templates, dissemination materials and other supporting documents were shared with all partners. To facilitate the development of dissemination activities, ad-hoc meetings are organized by the dissemination team.

Main suggestions to the WP Leader:

No suggestion for the WP Leader.

Deviation from the workplan:

No deviation for the moment.

Problems experienced during the WP implementation:

Infotech has not had problems so far and its team is looking forward for the collaboration with all the partners for completing the project dissemination activities.

Corrective measures to be adopted:

No measures suggested.

Expected problems and envisaged solutions:

Infotech team does not expect any problems so far, but it is eager to solve quickly if something emerged.

Corrective measures to be adopted:

No corrective measures to be adopted.

RESULTS EVALUATION

R1.1 – Desk Research on HEI educational offer - Action Plan
RESPONSIBLE: HUBc

Expected start date	M1
Expected end date	M4
Actual start date	*M1*
Actual end date	*M4*

Percentage of completion	50%	All partners have participated during the meetings dedicated to this result and supported with the information and feedbacks on the desk research methodology.

R1.2 – Desk Research on scientific literature review - Action Plan
RESPONSIBLE: UIS

Expected start date	M1
Expected end date	M4
Actual start date	*M1*
Actual end date	*M4*

Percentage of completion	20%	UIS aims to publish R1.2 as a systematic review. This has led to a more rigid search strategy, which has delayed delivery of R1.2

R1.3 – Desk Research on companies good practices collection - Action Plan
RESPONSIBLE: HUBc

Expected start date	M1
Expected end date	M4
Actual start date	*M1*
Actual end date	*M5*

Percentage of completion	50%	Identification of a clear potential source of information with an acceptable dimension of sample for each partner country and Europe during the desk research on companies good practices collection

R2.1 – Action plan for the survey for the students and academics
RESPONSIBLE: UNIFG

Expected start date	M1
Expected end date	M4

Actual start date	*M1*
Actual end date	*M5*

Percentage of completion	90%	The action plan and questionnaires for Students and Academics/experts are in drafts and at a good stage. Most of the partners have given their feedbacks and we are approaching the pilot step.

R2.2 – Action plan for the semi-structured interviews for entrepreneurs
RESPONSIBLE: UNIFG

Expected start date	M3
Expected end date	M5
Actual start date	*M3*
Actual end date	*M5*

Percentage of completion	75%	The UniFg team has started to prepare the Action Plan and to structure the questionnaire for the company needs survey, soon a draft will be shared with the partners representing the companies in this project.

R6.1 – Partner Agreement
RESPONSIBLE: UNIFG

Expected start date	M1
Expected end date	M1
Actual start date	*M1*
Actual end date	*M1*

Percentage of completion	100%	During M1, the UniFg team, supported by Valuedo, prepared the Partners Agreement and shared it among partners to get their feedbacks and signed copies. All partners signed it, with the exception of HUBc that asked for an amendment request and until a decision will be taken by the EACEA they will not sign it.

Partners' evaluation	
1. Is the Partners Agreement exhaustive in all parts?	*Yes – all the partners*
2. Are duties and rights of each partner clearly explained?	*Yes – all the partners*
3. Are the Financial rules (periodical payments from the Beneficiary to the partners) clear?	*Yes – all the partners*

R7.1 – Quality Assurance Plan
RESPONSIBLE: Valuedo

Expected start date	M1
Expected end date	M2
Actual start date	*M1*
Actual end date	*M3*

Percentage of completion	100%	VALUEDO presented during the virtual kick-off meeting the main tools for ensuring the quality of processes and results, specifically the QAP and the first QR. The QAP has been completed with the support of all partners and now is available in the official folder of the project.

Partners' evaluation	
1. Is the QA plan well-structured and clear in all the sections?	*Yes – all the partners*
2. Is the QA plan explaining clearly the activity to perform in order to ensure the highest quality of processes, results and Milestones?	*Yes – all the partners*
3. Are the responsibilities of each partner clearly explained and is the management structure effective to reach the project results?	*Yes – all the partners*

R7.2 – Quarterly Project Report
RESPONSIBLE: Valuedo

Expected start date	M1
Expected end date	M2
Actual start date	*M1*
Actual end date	*M3*

Percentage of completion	100%	ValueDo provided the whole partnership with guidelines for completing the quarterly report (they are also described in the Quality Assurance Plan developed by ValueDo).

Partners' evaluation	
1. Are the formats for the quality assurance clear and complete?	*Yes – all the partners*
2. Are the responsibilities of Leader and other partners clear?	*Yes – all the partners*
3. Is the division of the QR in a Google spreadsheet and downloadable file effective?	*Yes – all the partners*

R9.1 – Dissemination and Exploitation Plan
RESPONSIBLE: INFOTECH

Expected start date	M1
Expected end date	M2
Actual start date	*M1*
Actual end date	*M2*

Percentage of completion	100%	The Dissemination and Exploitation Plan is completed. Most of the partners have given their feedbacks and we completed the drafting of the document.

	Partners' evaluation
1. Are Disseminations and Exploitation activities clearly explained and detailed?	*Yes – all the partners*
2. Are the partners' responsibilities clear?	*Yes – all the partners*
3. Are the templates (attendance sheets, tables to track the dissemination results, etc.) effective and easy to use?	*Yes – all the partners*

R9.2 – Project website and social media
RESPONSIBLE: INFOTECH

Expected start date	M1
Expected end date	M3
Actual start date	*M1*
Actual end date	*M3*

Percentage of completion	100%	The Project website and the official social media channels are completed and published online. Most of the partners have given their feedbacks and we completed the launch of the official website of the SAFETY project and its official social media channels.

	Partners' evaluation
1. Is the website well-structured in all the sections and does it contain all the relevant information?	*Yes – all the partners*
2. Is the website user-friendly and usable?	*Yes – all the partners*

3. Are the text clear and easy to understand also for the stakeholders (language easy to understand, no technical words, etc.)	*Yes – all the partners*

II QUARTERLY REPORT

Period February - April 2021

The project is beginning to take shape and, up until now, the work all partners have put in has been remarkable.
All partners already feel part of a big and trans-national team.
All pre-determined goals and tasks have been properly treated by those responsible and the partners have reached an intermediate stage where all premises for a successful project are met.
In WP1, led by HUBC, the action plan has been finalized and the desk research is in progress. Universities have received a RedCap account and are in the course of gathering the data.
In WP2, led by UNIFG, partners have finished and launched the questionnaires for students and academics, which have been translated in all languages participating at the project. Furthermore, the surveys have been disseminated through official and personal networks, which have involved also associate partners.
Particulary, the main accomplishments for WP1 and WP2 are the following ones:

- WP1 – Literature review: Search of Medline, Embase and Psycinfo completed and initial screening in process with good collaboration from partners. WP1 – RedCap – data collection and entering data for Norway is underway.
- WP2 – Students and experts survey: all University partners translated the questionnaires into their national language and distributed them in formal ways by sending invitations to universities and other organizations that educate health professionals.

In WP8, EICD has elaborated an action plan in order to accomplish the 3 main tasks: T8.1 Elaboration of evaluation tools for partners and external experts, T8.2 Internal evaluation by partners, T 8.3 External independent evaluation. Until now, EICD presented in the second official project meeting the plan for accomplishing T8.1 and T.8.3. The aim of those is to have the project evaluated by external evaluators. For this to happen EICD will do a semi-structured questionnaire with the help of the partners leading WP1 and WP2 that needs to be ready by the end of September. By the end of November, the final form of the questionnaire for the external evaluators will be ready.
In WP9, all partners collaborated for the dissemination of their activities by publishing the project on the institutional website, on their simulation centre social media platform and by distributing it through their associated partners.

EFFECTIVENESS AND EFFICIENCY OF THE PARTNERSHIP
Results of the internal consultation: Partners have had a very good start and they have built up a team working from multiple countries as if they were in the same city. The cooperation has been exemplary. **Corrective measures to be adopted:** Maybe it could be helpful to unify processes. Same transnational approaches, for example concerning spreading the surveys to generate successful feedbacks within each country. The meetings were very helpful in understanding each other's challenges and procedures.

COMMUNICATION WITHIN THE PARTNERSHIP
Results of the internal consultation: All communication tools (emails, online meetings, phone calls, etc.) were useful to keep the communication always alive. In this phase of the project the communication works fine, and the coordinator is always very responsive **Corrective measures to be adopted:** No, the communication system is working well.

WP ANALYSIS

WP1 – Desk Research on HEIs training offer and simulation activity for Emergency Training
WP Leader: HUBc

Expected start date	M1
Expected end date	M12
Actual start date	*M1*
Actual end date	*M12*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements:

The main activities conducted by WP1 leader are the following:

- Elaboration of the final action plan for WP1.
- Designation of the national coordinator and collaborators for each partner university.
- Execution of a pilot desk research on the emergency offer in Catalonia.
- Analysis of the pilot desk research methodology and feasibility.
- Implementation of amendments to the final action plan for WP1 based on the pilot research.
- Elaboration of the RedCap database.
- Access to RedCap to national coordinators and collaborators.
- Execution of initial stages of the desk research on the emergency offer.

Main suggestions to the WP Leader:

There are no suggestions. All partners are satisfied with the work done by WP leader.

Deviation from the workplan:

Seven days deadline delay for the end of the desk research on the emergency from June 30 to July 7 2021. The deviation was due to a delay in providing access to RedCap to national coordinators and collaborators.

Problems experienced during the WP implementation:

Slower uploading information rhythm into RedCap than expected to accomplish the stablished deadline.

Corrective measures to be adopted:

EICD: “There are some problems regarding the desk study in Romania, due to low availability of freely available data on the websites/ social media of the education providers. This will be overcome by contacting some of the leaders of said organizations”.

LMU: “Also Germany had a slow progress, many information on the courses had to be gathered "manually", by getting in contact with the teaching bodies”.

Expected problems and envisaged solutions:

HUBc does not expect problems to implement this WP.

Corrective measures to be adopted:

According to the agreed upon action plan, the consortium expects things to run smoothly.

WP2 – Training needs analysis and definition of the Body of Knowledge of the Emergency Simulation
WP Leader: UNIFG

Expected start date	M2
Expected end date	M13
Actual start date	*M2*
Actual end date	*M13*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements:

During these months, the main activities performed were related to the development of the questionnaires for the needs analysis. In particular, it was agreed among partner the definitive versions of both questionnaires for students and academics/experts to use for the surveys. The first draft of both questionnaires was tested internally using the google forms, with the support of all partners, then the questionnaires were updated and delivered the definitive versions, asking each partner to translate them in their native languages. An action plan about the survey performance was also prepared and agreed among partners. All questionnaires versions were transferred on the google forms to have a link to each language version. The survey was launched officially by UniFg during the first week of April, through the project website and other social channels and later on all partners started to spread and disseminate the surveys invitations. The UniFg periodically was monitoring the numbers of replies obtained and verified the status or criticalities directly with the responsible of this task from each partner. In parallel, UniFg worked on the questionnaire for the semi structured interviews to be delivered to the companies to analyze their needs. During a meeting, UniFg team introduced the action plan and the structure of the questionnaire for the companies survey. Then the questionnaire was evaluated and improved with the comments from all partners. A new version of the survey (intended in two separate steps, a questionnaire with multiple choices and a questionnaire with open questions for the interview) was transferred on google forms and shared with the three companies partners for a pilot test.

Main suggestions to the WP Leader:

No suggestion for the WP Leader.

Deviation from the workplan:

There were no deviations from the workplan.

Problems experienced during the WP implementation:

The main problem was represented by the law reply rate to the survey. In the first period of implementation, the number of students and academics resulted low than expected. Although every partner invited people to complete the survey, in some countries the replies when lower than others. This brought to push and spread the survey invitations through new networks and contacts (either official or personal) in order to increase the reply rate. **Corrective measures to be adopted:** EICD: "We have had a good reply rate in student questionnaires, but a somewhat lower reply rate in academics. We plan to overcome this by expanding our contacts into fields other than anesthesiology and into all universities in Romania".
Expected problems and envisaged solutions: One problem could be due by the different reply rates among involved countries, although total numbers of collected replies will be enough for a good statistical analysis of the target groups' needs, we would extend the deadline for data collection and spread again the surveys around. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP6 – Project management
WP Leader: UNIFG

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: The Unifg maintained the exchange of information and communication among partners, keeping administrative documents and completing the procedure for an amendment request with the EACEA in order to include FCRB as substitute of the partner HUBC, having HUBC as Affiliated Entity to FCRB. It was also planned the project meeting n.2 to be held online on 5th May with all partner as an update of activities performed during the first 6 months of project implementation. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: There were no problems during the implementation of this WP. **Corrective measures to be adopted:**

No measures suggested.
Expected problems and envisaged solutions: UNIFG does not expect any problems for the coming period and everything seems to be planned and on track. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP7 – Quality Assurance
WP Leader: VALUEDO

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: VALUEDO kept checking and monitoring all the activities related to quality assurance and project management for ensuring the quality of processes and results. The second QR was sent by the deadline of the second quarter. ValueDo has organized individual meeting with the partners that needed help for the administrative and financial rules and has supported UniFg for the collection of financial documents. ValueDo kept on working with EICD - WP8 Leader for organizing the evaluation tools in the best way, supporting EICD team for the realization of the evaluation of the external experts on the MLs. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: No problems occurred so far. Valuedo will be at partners' disposal for supporting them adopt the QA tools. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: No problems are expected, as the tools are easy to adopt. If problems will have doubts or encounter problems, ValueDo is ready to support them.

Corrective measures to be adopted: No corrective measures to be adopted.

WP8 – Project Evaluation
WP Leader: EICD

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: During this Quarter of the main WP we made a plan for realizing the external evaluation and presented it to all the partners during the second official project meeting. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: Up until now, there were no problems concerning activities related to WP8. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: EICD team does not expect any problems so far, but EICD is eager to solve quickly if something emerged. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP9 – Dissemination and Exploitation of results
WP Leader: INFOTECH

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements:

The dissemination activities are progressing well and all partners are contributing to the development of the dissemination activities, PR materials and the publication of content on the website and social channels. The month of March 2021 was full of important project meetings:

- on March 3, 2021 an important meeting was held online with all the dissemination managers in order to discuss the action plan of the dissemination activities and to align and define the tasks of all those responsible for the dissemination of each partner;
- on March 17, 2021, a meeting with all partners was also held in which Infotech presented the various updates regarding the dissemination activities, the future associated partners were presented, the project brochure was presented and there was discussion on the newsletter of the SAFETY project;
- The first Associated Partners' meeting was also held on 24 March 2021, during the meeting the project was presented and the dissemination activities were presented, in addition the important role that the associated partners have in sharing the activities and disseminating the questionnaires and project results was highlighted.

In April 2021, the survey on the needs analysis of students and academics in the medical field was launched and disseminated on all communication channels.

Main suggestions to the WP Leader:

No suggestion for the WP Leader.

Deviation from the workplan:

No deviation for the moment.

Problems experienced during the WP implementation:

Infotech has not had problems so far and its team is looking forward for the collaboration with all the partners for completing the project dissemination activities.

Corrective measures to be adopted:

No measures suggested.

Expected problems and envisaged solutions:

Infotech team does not expect any problems so far, but it is eager to solve quickly if something emerged.

Corrective measures to be adopted:

No corrective measures to be adopted.

RESULTS EVALUATION

R1.1 – Desk Research on HEI educational offer - Action Plan
RESPONSIBLE: HUBc

Expected start date	M1
Expected end date	M4
Actual start date	*M2*
Actual end date	*M4*

Percentage of completion	100%	Final action plan (previous pilot) sent February 22nd 2021. This document is the reference framework for the implementation of each desk research. It contains: • Identification of national coordinators of the research in each partner country; • Specific tasks to be undertaken by researchers; • Detailed methodology of the research, along with recommended tools, techniques and targets; • Duration of the research, with indication of the halfway stop-over, in which the draft action plan will be presented and validated by the partnership; • Template for reporting the results of each national research; • Indication of the key indicators to be taken into consideration while researching.

Partners' evaluation	
1. Are the specific tasks to be undertaken by researchers properly explained?	*Yes – all the partners*
2. Is the plan effective for their purposes?	*Yes – all the partners*
3. Is the methodology of the research clear?	*Yes – all the partners*

R1.2 – Desk Research on scientific literature review - Action Plan
RESPONSIBLE: UIS

Expected start date	M1
Expected end date	M4
Actual start date	*M1*
Actual end date	*M8*

Percentage of completion	40%	- Finalised the search strategy (defined inclusion and exclusion criteria) - Search Medbase, Embase and Psycinfo - 1734 results exported to Rayyan - Recruited 19 participants involved in the initial screening - Divide the workload – 400 articles per UIS member, 100 for other members - Double screening - Rayyan introduction - Piloted first 20 articles

		- Aim to complete initial exclusion of articles by May 31 st

Partners' evaluation	
1. Do you think the research has been effective for its purpose?	*Yes – all the partners*
2. Did you find the tools proposed by UIS user-friendly?	*Yes – all the partners*
3. Is the methodology of the research clear?	*Yes – all the partners*

R1.3 – Desk Research on companies good practices collection - Action Plan
RESPONSIBLE: HUBc

Expected start date	M1
Expected end date	M4
Actual start date	*M1*
Actual end date	*M4*

Percentage of completion	100%	Final action plan (previous pilot) was sent by February 22nd 2021. This document is the reference framework for the implementation of the research on good practices adopted by companies in the field of Education. It contains: • Identification of national coordinator(s) of the research in each partner country; • Detailed information on the specific data to collect • Definition of the kind of good practices the consortium is looking for; • Clear explanation of the information that can be acquired by the Emergency Team (e.g. doctors, nurses etc.) through simulation device. These latter will be distinguished from the technical ones for engineering purposes; • Duration of the research, with indication of the halfway stop-over, in which the draft action plan will be presented and validated by the partnership; • Template for reporting the results of each national research; • Indication of the key indicators to be taken into consideration while researching.

Partners' evaluation	
1. Is structure of the research well designed?	*Yes – all the partners*
2. Is the content of the t research sufficient?	*Yes – all the partners*
3. Can R1.3 be the basis for next steps of the project?	*Yes – all the partners*

R2.1 – Action plan for the survey for the students and academics
RESPONSIBLE: UNIFG

Expected start date	M1
Expected end date	M4
Actual start date	*M2*
Actual end date	*M5*

Percentage of completion	100%	The action plan for the students and academics/experts needs analysis survey was prepared and shared with all partners. It was structured in order to clarify objectives, main steps, methodologies, analysis and timings of the data collection through the survey.

Partners' evaluation	
1. Is the methodology of the research clear?	*Yes – all the partners*
2. Are the questionnaires developed by UNIFG effective for their purpose (gathering the perceptions of students and academics to identify the most requested methodologies?)	*Yes – all the partners*
3. Are there any relevant information not considered in the Action Plan?	*Yes – all the partners*

R2.2 – Action plan for the semi-structured interviews for entrepreneurs
RESPONSIBLE: UNIFG

Expected start date	M3
Expected end date	M5
Actual start date	*M3*
Actual end date	*M5*

Percentage of completion	100%	The action plan for the companies needs analysis was prepared and shared with all partners during the presentation to introduce the questionnaire. It was structured in order to clarify objectives, main steps, companies to contact and timings for data collection through the survey.

Partners' evaluation	
1. Are the methodologies and tools to deliver the interviews properly described?	*Yes – all the partners*
2. Are the templates for reporting results effective for their purpose?	*Yes – all the partners*
3. Are there any relevant information not considered in the action plan?	*Yes – all the partners*

III QUARTERLY REPORT

May – July 2021

EFFECTIVENESS AND EFFICIENCY OF THE PARTNERSHIP
Results of the internal consultation: Partners have had a very good start and they have built up a team working from multiple countries as if they were in the same city. The cooperation has been exemplary.

Corrective measures to be adopted: Maybe it could be helpful to unify processes. Same transnational approaches, for example concerning spreading the surveys to generate successful feedbacks within each country. The meetings were very helpful in understanding each other's challenges and procedures.

COMMUNICATION WITHIN THE PARTNERSHIP
Results of the internal consultation: All communication tools (emails, online meetings, phone calls, etc.) were useful to keep the communication always alive. In this phase of the project the communication works fine, and the coordinator is always very responsive **Corrective measures to be adopted:** No, the communication system is working well.

WP ANALYSIS

WP1 – Desk Research on HEIs training offer and simulation activity for Emergency Training
WP Leader: HUBc

Expected start date	M1
Expected end date	M12
Actual start date	*M1*
Actual end date	*M12*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: HUBC started to conduct the pilot research on the emergency offer in Catalonia. HUBC analyzed the results from this pilot, and presented them to the partners. Then, HUBC conducted the full desk research on the emergency offer and good practices. **Main suggestions to the WP Leader:** There are no suggestions. All partners are satisfied with the work done by WP leader.
Deviation from the workplan: Seven days deadline delay for the end of the desk research on the emergency from June 30 to July 7 2021. The deviation was due to a delay in providing access to RedCap to national coordinators and collaborators.
Problems experienced during the WP implementation: Slower uploading information rhythm into RedCap than expected to accomplish the stablished deadline. **Corrective measures to be adopted:** Reminder of deadlines and encouraging national coordinators and collaborators to upload constantly upload information into RedCap.

Expected problems and envisaged solutions: HUBc does not expect problems to implement this WP. **Corrective measures to be adopted:** According to the agreed upon action plan, the consortium expects things to run smoothly.

WP2 – Training needs analysis and definition of the Body of Knowledge of the Emergency Simulation
WP Leader: UNIFG

Expected start date	M2
Expected end date	M13
Actual start date	*M2*
Actual end date	*M13*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: There were no deviations from the workplan.
Problems experienced during the WP implementation: **Corrective measures to be adopted:**
Expected problems and envisaged solutions: **Corrective measures to be adopted:** No corrective measures to be adopted.

WP6 – Project management
WP Leader: UNIFG

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: The Unifg team maintained the exchange of information and communication among partners, keeping administrative documents. It was also organized the project meeting n.2 to be held online on 5th May with all partner as an update of activities performed during the first 6 months of project implementation. The meeting has been considered as an in person meeting, the one that should have taken place in Barcelona. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: There were no problems during the implementation of this WP. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: UNIFG does not expect any problems for the coming period and everything seems to be planned and on track. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP7 – Quality Assurance
WP Leader: VALUEDO

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: VALUEDO kept checking and monitoring all the activities related to quality assurance and project management for ensuring the quality of processes and results. The third QR was sent by the deadline of the third quarter. ValueDo has organized individual meeting with the partners that needed help for the administrative and financial rules and has supported UniFg for the collection of financial documents. ValueDo kept on working with EICD - WP8 Leader for organizing the

evaluation tools in the best way, supporting EICD team for the realization of the evaluation of the external experts on the MLs. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: No problems occurred so far. Valuedo will be at partners' disposal for supporting them adopt the QA tools. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: No problems are expected, as the tools are easy to adopt. If problems will have doubts or encounter problems, ValueDo is ready to support them. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP8 – Project Evaluation
WP Leader: EICD

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: During this Quarter of the main WP we made a plan for realizing the external evaluation and presented it to all the partners during the second official project meeting. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation:

Up until now, there were no problems concerning activities related to WP8. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: EICD team does not expect any problems so far, but EICD is eager to solve quickly if something emerged. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP9 – Dissemination and Exploitation of results
WP Leader: INFOTECH

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: The dissemination activities are progressing well, and all partners contribute to developing the dissemination activities and the publication of content on the website and social channels. In May 2021, the virtual meeting Barcelona was held online. Infotech presented the official list of dissemination managers and associated partners and introduced the first version of the official SAFETY brochure. Infotech also presented the results achieved on the dissemination activities. Furthermore, Infotech sent the first quarterly newsletter of the SAFETY project. Infotech also, until June, published an invitation to fill in the training need analysis questionnaire on the home page of the SAFETY website and sent a series of invitations to fill in the same questionnaire by e-mail. Until July 2021, 26 articles written by the SAFETY partnership have been published on the official SAFETY website. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation:

Infotech has not had problems so far and its team is looking forward for the collaboration with all the partners for completing the project dissemination activities. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: Infotech team does not expect any problems so far, but it is eager to solve quickly if something emerged. **Corrective measures to be adopted:** No corrective measures to be adopted.

RESULTS EVALUATION

R1.2 – Desk Research on scientific literature review - Action Plan
RESPONSIBLE: UIS

Expected start date	M1
Expected end date	M4
Actual start date	*M1*
Actual end date	*M12*

Percentage of completion	60%	This document is the reference point to conduct a scientific literature review. It will contain: - Identification of national coordinator(s) of the research in - each partner country; - Protocol to undertake literature collection; - The kind of data that literature review aims to collect ; - Duration of the research, with indication of the halfway stop-over, in which the draft action plan will be presented and validated by the partnership; - Indication of the key indicators to be taken into consideration while researching; - How to use the collected information and compare it to HEI and company Desk Research.

R2.3 – Training Needs Analysis
RESPONSIBLE: UNIFG

Expected start date	M5
Expected end date	M11
Actual start date	*M5*
Actual end date	*M11*

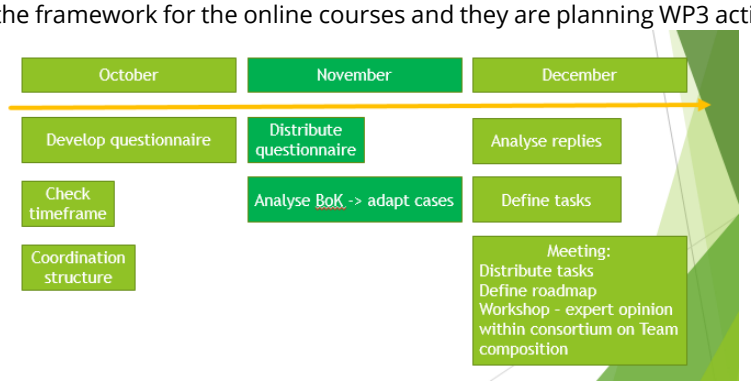
Percentage of completion	25%	Building on the information gathered within T2.3 and T2.4, UNIFG will point out the sectorial training needs. It means that a set of knowledge, skills and competencies that may increase the quality of

		the Emergency team as well as the simulator developers will be provided.

IV QUARTERLY REPORT

August - October 2021

The partners keep on working on the literature screening on optimal team composition. They started working on the framework for the online courses and they are planning WP3 activities, that will be led by LMU. UNIFG presented the valuable findings of Training Needs Analysis, showing in detail the results of the survey to students, academics and introducing the companies survey main achievements. At the end of the analysis, 1464 students, 288 academics and 23 companies have been reached. UNIFG team also showed how to interpret the results, considering how the questions impact each of the eight attributes (ATT*) assessed for understanding the preference of the respondents.



In addition, the logical framework of the Body of Knowledge (R2.4) was presented by UNIFG. The proposed initial timeline is the following:
Task 1 is represented by the preparation of the materials and the definition of pedagogical criteria. In this phase, also the role of industrial partners will be stressed out. Companies will be asked to contribute by bringing their expertise and showing cases from their perspective.
Task 2 will go hand in hand with Task 4: they focus on the design of the e-learning course with theoretical modules and practical ones and the development of training materials.
In Task 3 LMU will collaborate with Evaluation Leader, EICD, to prepare the evaluation tools. Finally, based on these tools, training materials will be evaluated and refined/revised (Task 5 and 6). During the meeting in Munich, the partners will agree on the assignments for each of them within WP3 activates and they will take part in the workshop – an expert opinion on team composition.
ECID, with the support of UNIFG and ValueDo, has prepared an invitation letter to send to the external evaluators that will be asked to evaluate ML3, the Body of Knowledge. EICD sent its proposal by mail to the partners, choosing two professors among the ones that the partners suggested.

EFFECTIVENESS AND EFFICIENCY OF THE PARTNERSHIP
Results of the internal consultation: Partners have had a very good start and they have built up a team working from multiple countries as if they were in the same city. The cooperation has been exemplary. **Corrective measures to be adopted:** Maybe it could be helpful to unify processes. Same transnational approaches, for example concerning spreading the surveys to generate successful feedbacks within each country. The meetings were very helpful in understanding each other's challenges and procedures.

COMMUNICATION WITHIN THE PARTNERSHIP
Results of the internal consultation: All communication tools (emails, online meetings, phone calls, etc.) were useful to keep the communication always alive. In this phase of the project the communication works fine, and the coordinator is always very responsive

Corrective measures to be adopted: No, the communication system is working well.

WP ANALYSIS

WP1 – Desk Research on HEIs training offer and simulation activity for Emergency Training
WP Leader: HUBc

Expected start date	M1
Expected end date	M12
Actual start date	*M1*
Actual end date	*M12*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: HUBC finished the desk research. Then, HUBC analyzed the results, and elaborated the final report. **Main suggestions to the WP Leader:** There are no suggestions. All partners are satisfied with the work done by WP leader.
Deviation from the workplan: No deviation experienced.
Problems experienced during the WP implementation: HUBc did not experience problems to implement this WP. **Corrective measures to be adopted:** Reminder of deadlines and encouraging national coordinators and collaborators to upload constantly upload information into RedCap.
Expected problems and envisaged solutions: HUBc does not expect problems to implement this WP. **Corrective measures to be adopted:** According to the agreed upon action plan, the consortium expects things to run smoothly.

WP2 – Training needs analysis and definition of the Body of Knowledge of the Emergency Simulation
WP Leader: UNIFG

Expected start date	M2
Expected end date	M13

Actual start date	*M2*
Actual end date	*M13*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: There were no deviations from the workplan.
Problems experienced during the WP implementation: **Corrective measures to be adopted:**
Expected problems and envisaged solutions: **Corrective measures to be adopted:** No corrective measures to be adopted.

WP6 – Project management
WP Leader: UNIFG

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: The Unifg team maintained the exchange of information and communication among partners, keeping administrative documents. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation:

There were no problems during the implementation of this WP. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: UNIFG does not expect any problems for the coming period and everything seems to be planned and on track. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP7 – Quality Assurance
WP Leader: VALUEDO

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: VALUEDO kept checking and monitoring all the activities related to quality assurance and project management for ensuring the quality of processes and results. The 4th QR was sent by the deadline of the quarter. ValueDo has organized individual meeting with the partners that needed help for the administrative and financial rules and has supported UniFg for the collection of financial documents. ValueDo kept on working with EICD - WP8 Leader for organizing the evaluation tools in the best way, supporting EICD team for the realization of the evaluation of the external experts on the MLs. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: No problems occurred so far. Valuedo will be at partners' disposal for supporting them adopt the QA tools. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions:

No problems are expected, as the tools are easy to adopt. If problems will have doubts or encounter problems, ValueDo is ready to support them. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP8 – Project Evaluation
WP Leader: EICD

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: EICD established which experts should do the external evaluation for ML3. EICD created the table for external evaluators propositions to be filled. EICD created the invitation letter and sent it to the partners involved. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: EICD was not able to do the semi-structured questionnaire because they haven't had the BoK in order to realize the questions.
Problems experienced during the WP implementation: Not other problems besides creating the semi-structured questionnaire. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: EICD team expects some delay with the external evaluation because the BoK it has some delay also. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP9 – Dissemination and Exploitation of results
WP Leader: INFOTECH

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements:

The dissemination activities are progressing well, and all partners contribute to developing the dissemination activities and the publication of content on the website and social channels.

In August 2021, Infotech released SAFETY's 2nd quarterly newsletter.

The summer newsletter illustrated the affiliations reached with our Associated Partners, the articles published and the SIMMED conference in which the lead partner UNIFG participated and promoted the visibility of the SAFETY project. Furthermore, the SAFETY project stopped for two weeks during August 2021 because of the summer holidays.

In September 2021, Infotech created the results section on the SAFETY website, and our official brochure was uploaded.

In October 2021, work began on the launch of the Instagram account of the SAFETY project, on the update of the official .doc and .ppt templates, on the new calendar of article deadlines, and on the design of the first videos for the Youtube channel of SAFETY.

Main suggestions to the WP Leader:

No suggestion for the WP Leader.

Deviation from the workplan:

No deviation for the moment.

Problems experienced during the WP implementation:

Infotech has not had problems so far and its team is looking forward for the collaboration with all the partners for completing the project dissemination activities.

Corrective measures to be adopted:

No measures suggested.

Expected problems and envisaged solutions:

Infotech team does not expect any problems so far, but it is eager to solve quickly if something emerged.

Corrective measures to be adopted:

No corrective measures to be adopted.

RESULTS EVALUATION

R1.4 – Report on education & training convergences and divergences, literature review and company good practices in Emergency

RESPONSIBLE: UIS

Expected start date	M5
Expected end date	M13
Actual start date	*M5*
Actual end date	*M13*

Percentage of completion	75%	This document will identify the main convergences and divergences on educational offer in Emergency between Universities and companies in Europe. This comparison will replicated against the findings emerging from the literature review.

R2.3 – Training Needs Analysis

RESPONSIBLE: UNIFG

Expected start date	M5
Expected end date	M11
Actual start date	*M5*
Actual end date	*M13*

Percentage of completion	90%	UNIFG is finalizing the document that be composed of two main sections: data repository and training needs.

R2.4 – Body of Knowledge

RESPONSIBLE: UNIFG

Expected start date	M5
Expected end date	M11
Actual start date	*M11*
Actual end date	*M16*

Percentage of completion	50%	UNIFG is working on the BoK. The main section of the document will detail the knowledge, competencies and skills to be developed in order to fill the gaps presented in the introductionary section. The solutions illustrated in this section will represent the ones to be turned into the new course(s).

V QUARTERLY REPORT

November 2021 – January 2022

The main activities of this quarter were related to the completion of the Body of Knowledge and the organization of WP3 activities.

The partners had the possibility to discuss about these issues during the two-days meeting that was supposed to take place in Munich and that took place virtually, due to the difficult situation linked to covid19 in Germany and throughout Europe. The agenda for the first day was the following:

- Recap on the fundamental elements from desk research, good practices and best team composition
- WP2: Recap on the fundamental elements from WP2 needs analysis and BoK [starting point for the creation of the course]
- WP3: presentation of WP3 (overall description and tasks)
- Partners' experiences based on medical education: presentation of the results of the questionnaires shared by LMU
- Proposal and discussion of the overall architecture of the SAFETY e-learning course

The afternoon was dedicated to the "Europe café for the proposal of possible topics of the SAFETY course – theoretical part". Europe Café represents a series of discussions taking place in a relaxed, dynamic and informal environment. Europe Café revolves around the goal to discuss and exchange thoughts, questions and ideas on various topics in relation to the SAFETY e-learning course. This method ensures an effective and flexible format for hosting a series of discussions with a potentially large group of participants and can be modified to correspond to specific needs.
As the meeting was virtual, instead of talking around a table, the participants will work on Miro Board, using virtual sticky notes.

The participants were divided into three groups.

- **Group 1**: Francesco (UNIFG), Cosmin (EICD), Cristina (HUCB), Camilla (UIS), Katarina (LMU) and Lukas (AMC);
- **Group 2**: Liana (EICD), Juan (HUBC), Une (UIS), Marc (LMU) and Novella (LAE);
- **Group 3**: Roberta Caporusso (UNIFG), Mihai (EICD), Thor (UIS), Nina (UIS) and Rita (TTW).

Each group, in turn, participated at the tables of the SAFETY café and discussed a specific topic. The discussion was managed by a facilitator that, at the end of the process, briefly summarized the main insights coming out from his/her table. Once a round of discussion was over, the participants were free to move to other tables. Each participant used sticky notes of different colours and they had at disposal 35 minutes per round: 10 minutes for self-brainstorming and 25 minutes for open discussion and clustering. The first round lasted 45 minutes to let everyone get acquainted with Miro Board.
The participants discussed the topics to be included in the specific lesson of the table, ideas on how to deliver the course, useful methodologies to be adopted and any other input for delivering the course. The facilitators hosted the sessions in different google meet rooms: groups will move from room to room at the end of each round. The tables/boards, the links to the Google Meet room and the correspondent facilitator were the following:

- Simulation modalities and their precedence in the developed training hosted by Fedele (UNIFG)
- Prioritisation of necessary skills hosted by Giuditta (VALUE)
- Prioritisation of necessary theoretical knowledge hosted by Antonio (INFO).

EFFECTIVENESS AND EFFICIENCY OF THE PARTNERSHIP
Results of the internal consultation: The identity as a group was remarked by the need to have the first meeting in presence in December. Even it was only partially possible for still existing obligation, each member was very active on that meeting organization. **Corrective measures to be adopted:** Maybe it could be helpful to unify processes. Same transnational approaches, for example concerning spreading the surveys to generate successful feedbacks within each country. The meetings were very helpful in understanding each other's challenges and procedures.

COMMUNICATION WITHIN THE PARTNERSHIP
Results of the internal consultation:

The preparation of WP3 tasks gave partners the possibility to have direct contacts with different partners not already contacted for one-to-one sharing. **Corrective measures to be adopted:** No, the communication system is working well.

WP ANALYSIS

WP3 – Preparing and testing the training material for e-learning theoretical and practical modules
WP Leader: LMU

Expected start date	M13
Expected end date	M26
Actual start date	*M13*
Actual end date	*M26*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: Start of the WP3, planning and holding of a project meeting to present and discuss educational strategy. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: There were no deviations from the workplan.
Problems experienced during the WP implementation: No problems experienced during the WP implementation. **Corrective measures to be adopted:** No corrective measures to be adopted.
Expected problems and envisaged solutions: No problems expected during the WP implementation. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP6 – Project management
WP Leader: UNIFG

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements:

The Unifg team maintained the exchange of information and communication among partners, keeping administrative documents.

Main suggestions to the WP Leader:

No suggestion for the WP Leader.

Deviation from the workplan:

No deviation for the moment.

Problems experienced during the WP implementation:

The meeting in Munich could not take place in person and we had to replace it with virtual sessions. This did not damage the quality of the meeting, since all partners actively participated, even if in virtual modality.

Corrective measures to be adopted:

No measures suggested.

Expected problems and envisaged solutions:

UNIFG does not expect any problems for the coming period and everything seems to be planned and on track.

Corrective measures to be adopted:

No corrective measures to be adopted.

WP7 – Quality Assurance
WP Leader: VALUEDO

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements:

VALUEDO kept checking and monitoring all the activities related to quality assurance and project management for ensuring the quality of processes and results. The 4th QR was sent by the

deadline of the quarter. ValueDo has organized individual meeting with the partners that needed help for the administrative and financial rules and has supported UniFg for the collection of financial documents. ValueDo kept on working with EICD - WP8 Leader for organizing the evaluation tools in the best way, supporting EICD team for the realization of the evaluation of the external experts on the MLs. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: No problems occurred so far. Valuedo will be at partners' disposal for supporting them adopt the QA tools. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: No problems are expected, as the tools are easy to adopt. If problems will have doubts or encounter problems, ValueDo is ready to support them. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP8 – Project Evaluation
WP Leader: EICD

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: There was made the invitation letter and sent to the external evaluators and established a first contact with them. EICD started doing the semi-structured questionnaire. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan:

EICD hasn't succeeded completed the semi-structured questionnaire because they need the BoK, which was not ready.
Problems experienced during the WP implementation: Not other problems besides creating the semi-structured questionnaire. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: No problems so far besides the need for the BoK **Corrective measures to be adopted:** Maybe some more delay regarding the external evaluation.

WP9 – Dissemination and Exploitation of results
WP Leader: INFOTECH

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements:

The dissemination activities are progressing well, and all partners contribute to developing the dissemination activities and the publication of content on the website and social channels.

In November 2021, Infotech released SAFETY's 3rd quarterly newsletter.

The autumn newsletter illustrated the 5th virtual meeting in October which 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.

In December 2021, Infotech released SAFETY's 4th newsletter which talked about the Virtual project meeting in Munich in a blended mode. During the meeting, the technical contribution that Infotech will give to the partnership in relation to the launch of the e-learning platform (presumably during 2022) was discussed.

In January 2022, Infotech continued to publish the interesting articles of the partners and began to develop the format and technical characteristics of the videos to be published on the Youtube channel of the SAFETY project during the year 2022.

Main suggestions to the WP Leader:

No suggestion for the WP Leader.

Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: Infotech has not had problems so far and its team is looking forward for the collaboration with all the partners for completing the project dissemination activities. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: Infotech team does not expect any problems so far, but it is eager to solve quickly if something emerged. **Corrective measures to be adopted:** No corrective measures to be adopted.

RESULTS EVALUATION

R1.2 – Desk Research on scientific literature review - Action Plan
RESPONSIBLE: UIS

Expected start date	M1
Expected end date	M4
Actual start date	*M1*
Actual end date	*M13*

Percentage of completion	100%	This document is the reference point to conduct a scientific literature review. The review is completed and submitted.

Partners' evaluation	
1. Do you think the research has been effective for its purpose?	*Yes – all the partners*
2. Did you find the tools proposed by UIS user-friendly?	*Yes – all the partners*
3. Is the methodology of the research clear?	*Yes – all the partners*

R2.4 – Body of Knowledge
RESPONSIBLE: UNIFG

Expected start date	M5
Expected end date	M11
Actual start date	*M11*
Actual end date	*M16*

Percentage of completion	75%	UNIFG is working on the BoK and it will be ready by next quarter. The main section of the document will detail the knowledge, competencies and skills to be developed in order to fill the gaps presented in the introductionary section. The solutions illustrated in this section will represent the ones to be turned into the new course(s).

R3.1 – Action Plan
RESPONSIBLE: LMU

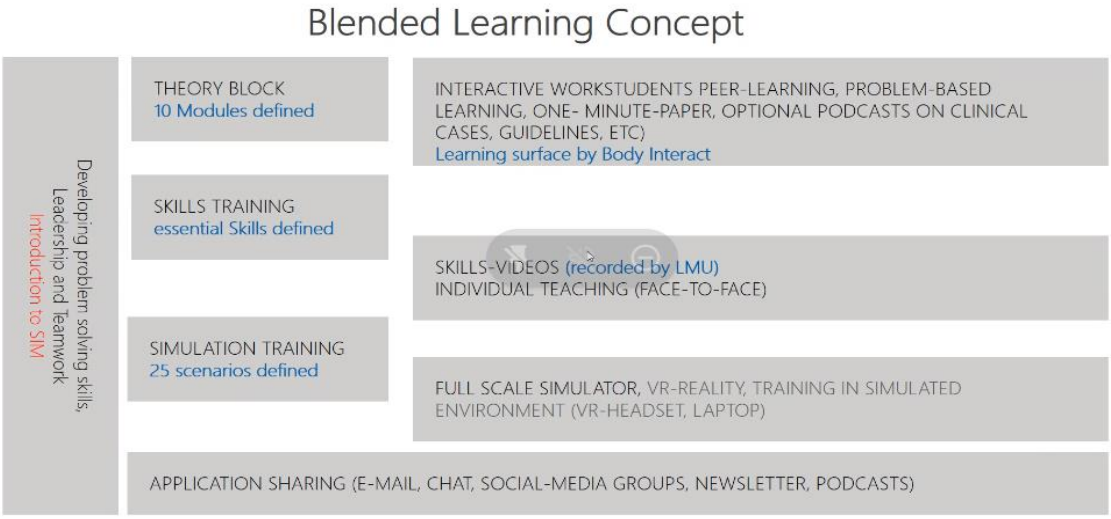
Expected start date	M13
Expected end date	M17
Actual start date	*M13*
Actual end date	*M18*

Percentage of completion	50%	LMU is working on the R3.1. This document will include at least: • the part the BoK (whole perhaps) to use for the training material; • the equipment for simulated training that each university partner owns; • the pedagogical strategy to follow when designing the course; • detailed workflow, exchange methods and procedures in order to enhance lean individual work and cooperation among partners; • detailed explanation of the working framework to use for developing the material according to what indicated in the description of T3.2; • duration of the whole e-learning course (theoretical + practical modules); • templates for both theoretical and practical modules; • the evaluation tools to use to assess and implement feedback to deliver the final version of training material.

VI QUARTERLY REPORT

February – April 2022

WP3 activities are proceeding.
The 25 cases and 10 theoretical modules were defined and consented within the consortium, as well as their distribution among the partners. The roles and contributions of the companies have been clarified and consented.
A theoretical foundation and methodology for the whole course has been created.
The overall framework of the blended course will be the following:



All the partners approve the distribution of the work referring to both the theoretical modules and the simulation cases. All the Universities can now start working on 2 modules and 5 scenarios assigned to them.
Also the companies have been involved in the preparation phase of the training materials and their contribution has been very fruitful.
The partners agree to have the meeting in September 2022 in Coimbra, as initially planned in the project description. The meeting will be hosted by Take The Wind.
EICD can now start planning the external validation for the training materials (T3.5) and prepare the questionnaire for getting formal feedback from the external experts (T3.3).
Finally, the partners started working on the Interim Report to be delivered by June 2022. UNIFG is collecting all technical, scientific and financial documents that are needed for the completion of the Report.

EFFECTIVENESS AND EFFICIENCY OF THE PARTNERSHIP
Results of the internal consultation: The identity as a group was remarked by the need to have the first meeting in presence in December. Even it was only partially possible for still existing obligation, each member was very active on that meeting organization. **Corrective measures to be adopted:** Maybe it could be helpful to unify processes. Same transnational approaches, for example concerning spreading the surveys to generate successful feedbacks within each country. The meetings were very helpful in understanding each other's challenges and procedures.

COMMUNICATION WITHIN THE PARTNERSHIP
Results of the internal consultation: The preparation of WP3 tasks gave partners the possibility to have direct contacts with different partners not already contacted for one-to-one sharing. **Corrective measures to be adopted:** No, the communication system is working well.

WP ANALYSIS

WP3 – Preparing and testing the training material for e-learning theoretical and practical modules
WP Leader: LMU

Expected start date	M13
Expected end date	M26
Actual start date	*M13*
Actual end date	*M26*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements:

- All the gathered information was viewed and condensed.
- The 25 cases and 10 theoretical modules were defined and consented within the consortium, as well as their distribution among the partners. The roles and contributions of the companies have been clarified and consented.
- A theoretical foundation and methodology for the whole course has been created.

Main suggestions to the WP Leader:

No suggestion for the WP Leader.

Deviation from the workplan:

Slight delay of start of creation of learning material, reasons detailed below.

Problems experienced during the WP implementation:

So far no relevant problems. Slight delays in advancing the WP, mainly due to a very high amount of information gathered and thus slight delay of the delivery of the BoK. Work has started in parallel to the finalising of the BoK, so overall the WP is well on track.

Corrective measures to be adopted:

No corrective measures to be adopted.

Expected problems and envisaged solutions:

No problems expected during the WP implementation.

Corrective measures to be adopted:

No corrective measures to be adopted.

WP6 – Project management
WP Leader: UNIFG

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements:

The Unifg team maintained the exchange of information and communication among partners, keeping administrative documents. UNIFG is working on hte collection of scientific, technical and financial documents for the Interim Report to be delivered by June 2022. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: No problems experienced. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: UNIFG does not expect any problems for the coming period and everything seems to be planned and on track. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP7 – Quality Assurance
WP Leader: VALUEDO

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: VALUEDO kept checking and monitoring all the activities related to quality assurance and project management for ensuring the quality of processes and results. The 6th QR was sent by the deadline of the quarter. ValueDo has organized individual meeting with the partners that needed help for the administrative and financial rules and has supported UniFg for the collection of financial documents. ValueDo kept on working with EICD - WP8 Leader for organizing the evaluation tools in the best way, supporting EICD team for the realization of the evaluation of the external experts on the MLs. ValueDo supported UNIFG for the preparation of the Interim Report and the collection of all documents from all partners, both technical and financial. The preparation of the report is proceeding. **Main suggestions to the WP Leader:**

No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: No problems occurred so far. Valuedo will be at partners' disposal for supporting them adopt the QA tools. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: No problems are expected, as the tools are easy to adopt. If problems will have doubts or encounter problems, ValueDo is ready to support them. **Corrective measures to be adopted:** No corrective measures to be adopted.

WP8 – Project Evaluation
WP Leader: EICD

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: EICD has accomplished the questionnaire for the external evaluators based on the draft of the Bok and distributed to the partners in order to have their approval. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: We have not sent the questionnaire to the external evaluators and therefore not accomplished the external evaluation for milestone 3. We have to until now the final form of the Bok, but there should be ready at the beginning of May.
Problems experienced during the WP implementation: No problems so far besides the delay for the external evaluation. **Corrective measures to be adopted:**

No measures suggested.
Expected problems and envisaged solutions: No problems so far besides the need for the BoK **Corrective measures to be adopted:** Maybe some more delay regarding the external evaluation.

WP9 – Dissemination and Exploitation of results
WP Leader: INFOTECH

Expected start date	M1
Expected end date	M36
Actual start date	*M1*
Actual end date	*M36*

Detailed description of the activities conducted and the achievements reached by the Lead partner and the partnership during this Quarter of the main WP achievements: The dissemination activities are progressing well, and all partners contribute to developing the dissemination activities and the publication of content on the website and social channels. **Main suggestions to the WP Leader:** No suggestion for the WP Leader.
Deviation from the workplan: No deviation for the moment.
Problems experienced during the WP implementation: Infotech has not had problems so far and its team is looking forward for the collaboration with all the partners for completing the project dissemination activities. **Corrective measures to be adopted:** No measures suggested.
Expected problems and envisaged solutions: Infotech team does not expect any problems so far, but it is eager to solve quickly if something emerged. **Corrective measures to be adopted:** No corrective measures to be adopted.

RESULTS EVALUATION

R2.4 – Body of Knowledge

RESPONSIBLE: UNIFG

Expected start date	M5
Expected end date	M11
Actual start date	*M11*
Actual end date	*M18*

Percentage of completion	100%	As defined by the SAFETY project, the Body of Knowledge (BoK) represents the conceptual framework and the technical specifications of the new courses, deriving from the analysis of the Desk Research (WP1) and the needs analysis of Gap Analysis (WP2). It will represent the reference point to restructure the courses. The principal object is to define a reference framework for reforming the existing academic syllabi and courses. According to the results obtained from the desk research, including good practices, and the needs analysis from the survey performed by students, academics and companies, the SAFETY consortium has now a better overview of the actual status on training in emergency (among EU SAFETY countries) and what should be considered to improve it with the new offer of training material and tools. To this aim, the present document will include the main findings coming from WP1 and WP2 research activities in order to summarise those elements that can contribute to the WP3 on the new courses structuring.

Partners' evaluation	
Is the structure of the document appropriate in your opinion?	*Yes – all the partners*
Is the ambition of the document clear enough?	*Yes – all the partners*
Is the methodology of the research clear?	*Yes – all the partners*
Do you officially validate R2.4?	*Yes – all the partners*

R3.1 – Action Plan
RESPONSIBLE: LMU

Expected start date	M13
Expected end date	M17
Actual start date	*M13*
Actual end date	*M18*

Percentage of completion	100%	After integrating all the gathered information the action plan is completed and consented with all partners.

Partners' evaluation	
1. Is the structure of the document appropriate in your opinion?	*Yes – all the partners*
2. Is the ambition of the document clear enough?	*Yes – all the partners*
3. Is the methodology of the research clear?	*Yes – all the partners*
4. Do you officially validate R3.1?	*Yes – all the partners*