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DIGIHEALTH

DIGIHEALTH

Innovative Digital skills & teaching methods 4 effective health education in Lebanon & Syria

Evaluation and Quality Report Project months 1-18

VERSION 1.0





Document History

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1.0	UNIMED Eugenio Platania, Cristina Stefanelli	A	13/10/2020	First draft (shared with the coordinator)

(*) A=Author; C=Contributor; REV= reviewer; EXT = external reviewer



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DIGIHEALTH

DOCUMENT SUMMARY

This Evaluation and Quality Report is elaborated by UNIMED, Mediterranean Universities Union, for the project “DIGIHEALTH - Innovative Digital skills & teaching methods 4 effective health education in Lebanon & Syria”, coordinated by the Linnaeus University in the framework of an Erasmus+ Capacity Building in the field of Higher Education grant with the reference number 598243-EPP-1-2018-1-SE-EPPKA2-CBHE-JP. This report covers the period 15 November 2018 - 14 September 2020.



MONITORING, EVALUATION AND QUALITY WITHIN DIGIHEALTH

THE OBJECTIVES OF PROJECT

DIGIHEALTH aims at promoting excellence, creative and innovative digital Teaching & Learning approaches through advanced ICT solutions, to improve quality of Higher Education, to prepare well-qualified graduates who are able to adapt to the changing healthcare environment, meet societal expectations and sustain a healthy environment in Lebanon and Syria.

Specific objectives are to:

1. Support Lebanese and Syrian HEIs in adopting and implementing effective new technologies of digital skills and learning methods for an active and collaborative learning.
2. Develop the ability of academic staff at health disciplines in Lebanese and Syrian HEIs to employ modern pedagogical and didactic methodologies for innovative ICT teaching and learning settings.
3. Open up higher education in Lebanon and Syria to integrate refugees, IDPs and students from disadvantaged groups including women and rural areas inhabitants in inclusive virtual classroom settings.

The overarching expected outcome for the project the establishment of **two centers for innovative Teaching & Learning** in Higher Education (one foreseen in Lebanon and one in Syria) that will serve as hubs for training health educators on novel digital skills and interactive teaching and learning methods, in addition to developing e-modules that exploit digital revolution. Those centres will enhance regional collaboration through sharing e-materials, teaching experience and best practices. They will develop e-materials that stimulate critical thinking and imagination, and make concepts easier to teach and understand, achieving greater student focus and higher retention.

The project is implemented by a consortium composed by 11 partners, as follows:

- Linnaeus University, Sweden (grant-holder)
- University of Genoa, Italy
- Universidad de Santiago de Compostela, Spain
- Mediterranean Universities Union, Italy
- Lebanese University, Lebanon
- Beirut Arab University, Lebanon
- Lebanese International University, Lebanon
- Modern University for Business and Science, Lebanon
- Damascus University, Syria
- Arab International University, Syria
- University of Hama, Syria

The project is cofounded by the Erasmus+ programme of the European Union during the period 15 November 2018 - 14 November 2021.

MONITORING, EVALUATION AND QUALITY WITHIN THE PROJECT

UNIMED carries out a formative and summative evaluation of the DIGIHEALTH project in order to assess the project's success in reaching its stated goals and will perform analysis of prospective impact. Purposes of monitoring and evaluation can be summarised as follows:

Summative purposes. For summative purposes, UNIMED supports the project managers to monitor ongoing activities, by using a monitoring grid to check the consistency between planned and expected outputs and between planned and actual delivery dates, and the achievement of the performance indicators.

Formative purposes. Formative evaluation as a repeated process of collecting qualitative data, reflection and (potential) re-planning, will take place all over the project lifespan. For formative evaluation, different tools will be used according to the target groups addressed and to the processes in place.

Measuring impact purposes. In order to explore the short-term impact, in addition to regular activities of collecting feedback and analysing data from beneficiaries and concerned stakeholders, further evaluation exercises will be carried out during the last 6 months of the project.

EVALUATION AND QUALITY ASSURANCE OF INTERNAL PROCESSES

As regards internal processes, the following processes have been evaluated:

Process	Target	Investigated dimension	Tool
Project management and consortium dynamics	WP Leaders and project partners	Internal communication and related tools	Questionnaires (partners' survey)
Project management and consortium dynamics	WP Leaders and project partners	Management and sharing of responsibilities	Questionnaires (partners' survey)
Project management and consortium dynamics	WP Leaders and project partners	Effectiveness of the adopted/developed tools in implementing the project	Questionnaires (partners' survey)
Project management and consortium dynamics	WP Leaders and project partners	Perception of local/transnational relationship	Questionnaires (partners' survey)
Project management and consortium dynamics	WP Leaders and project partners	Coordination meetings	Questionnaires (coordination meeting questionnaires)
Project management	Project Manager and WP leaders	Progression of project achievements	Monitoring grid

For the period under evaluation, the following evaluation activities have been carried out:

- Kick-off meeting in Lebanon – coordination meeting questionnaires
- Steering Committee meeting in Sweden – coordination meeting questionnaires
- Partners' survey – online questionnaire
- Monitoring activities – monitoring grids

1. Kick off Meeting (February 28th - March 2nd 2019 – Beirut, Lebanon)

Methodology

Collection of data was based on an on-line questionnaire, that was made accessible to the partners on May 3th 2019. The 15 questions and related requests for further details, comments and suggestions, aimed at verifying the satisfaction of participants concerning mainly organization, communication and achievements.

The questionnaire has been submitted to all the partners. 7 out of 11 partners have completed the questionnaire.

Represented organizations were: Mediterranean Universities Union (UNIMED), Italy; Modern University for Business and science (MUBS), Lebanon; Linnaeus University (LNU), Sweden; University of Genoa

(UNIG), Italy; Beirut Arab University (BAU), Lebanon; Lebanese University (LU), Lebanon; Lebanese International University (LIU), Lebanon.

Results

Meeting organization

The satisfaction related to the meeting organization, in terms of accommodation, travel is rather high (average 4,6/5): in general, no particular problems were highlighted by participants. Information and support for arranging practical issues were provided. Focusing on the venue of the meeting, the satisfaction degree of the participants is on average high.

Degree of involvement

The degree of involvement and satisfaction is also on average high. While some of the partners considered it positively, just few of them weren't satisfied with the sharing level of the decision-making process and with the clearness of the meeting purpose and objective.

Detailed results are available on the kick-off meeting evaluation report.

Aspects of the meeting that was considered particularly good

- Organisation, in terms of logistics and support from remote and local staff, were particularly appreciated by three respondents
- The quality of the team was also stressed by one respondent
- Joint work also has been mentioned as a strong point by two respondents.

Other respondents consider excellent or good the meeting overall.

Aspects of the meeting that require improvement

- Preparation to the meeting by all participants could have been more effective
- Some remarks about the late sending of the agenda have been pointed out; as suggestion for upcoming meetings, the agenda should be available at least one month before the meeting
- A detailed analysis of tasks within each work package could have been useful/advantageous

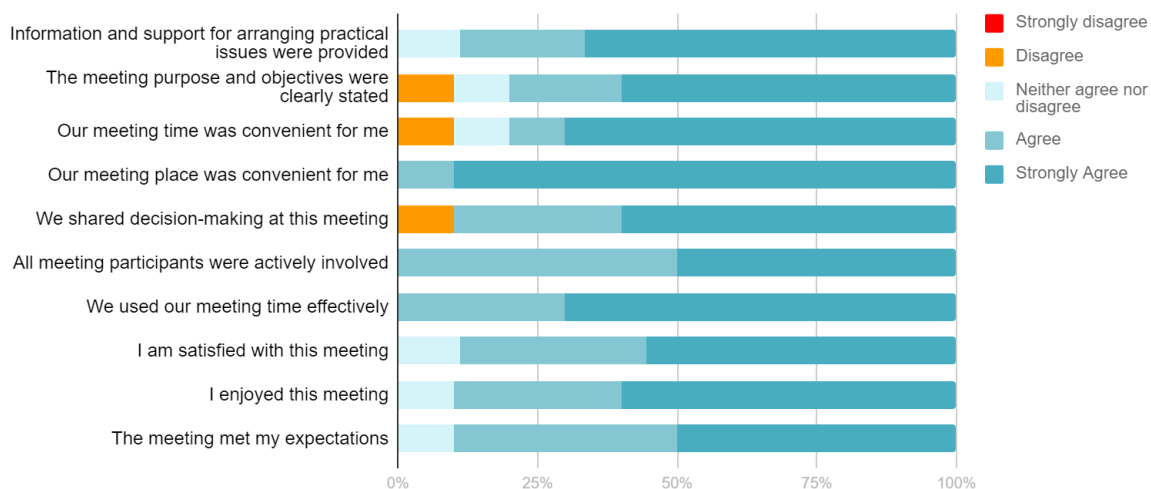
Unanswered questions after the meeting

- Two out of ten respondents highlight some doubts about responsibilities, tasks, deadlines, and expectations until the next project meeting

Suggestions for the next meeting

- Agenda sent in advance, with clear objectives about the project objectives and partners' expected contribution
- More time for discussion, reciprocal understanding, networking – in general, more involvement of the project partners
- If possible, invite diplomatic representation of European partners to the meeting, both to disseminate the project at national level of the Partners Countries and to support the process for obtaining visas.

Meeting Evaluation (kick-off meeting in Lebanon)



Conclusions

The questionnaire outcomes show that communication, both with the coordinator and with the other partners, has been considered quite satisfactory by the participants. Some participants pointed out that the meeting allowed the partners to share views and ideas about the project. Concerning the organization of the meeting and the drafting of the agenda, the majority of the partners stated that everything was good. Nevertheless, the dates were not very clear and the partners received confirmation for the dates, place and agenda only 2-3 days before the meeting. In order to improve the organisation of the future meetings, it is suggested to make available the logistic information and the agenda at least one month before the meeting. As for the material provision and resources, all partners answered giving a positive feedback

In general, participants were satisfied with the meeting stating that the participants were very active and contributed to the discussion. Some more details could have been provided on WPs tasks and responsibilities, as well as on the alignment of the project's time-frame. It has been suggested to invite the diplomatic representations of the European partners, whenever possible.

In conclusion, it is possible to state that the kick-off meeting of the DIGIHEALTH project was a success as it achieved not only its institutional goals in term of items to be discussed and activities to be planned, but it also enhanced the partnership dimension as it strengthened the ties between the partners of the project.

2. Steering Committee Meeting (27-30 November 2019, Sweden)

Methodology

Collection of data was based on an on-line questionnaire. The 15 questions and related requests for further details, comments and suggestions, aimed at verifying the satisfaction of participants concerning mainly organization, communication and achievements.

The questionnaire has been administered to the 6 partner organisations participating in the meeting. All of them have completed the questionnaire.

Represented organisations were: Linnaeus University (LNU), Sweden; Damascus University (DU), Syria; Arab International University (AIU), Syria; Lebanese University (LU), Lebanon; Modern University for Business and science (MUBS), Lebanon; Mediterranean Universities Union (UNIMED), Italy.

Meeting organization

In terms of accommodation, no particular problems were highlighted by participants and the satisfaction rate is in average good. Information and support for arranging practical issues were provided even if it has been pointed out that a detailed agenda of the meeting should have been sent ahead.

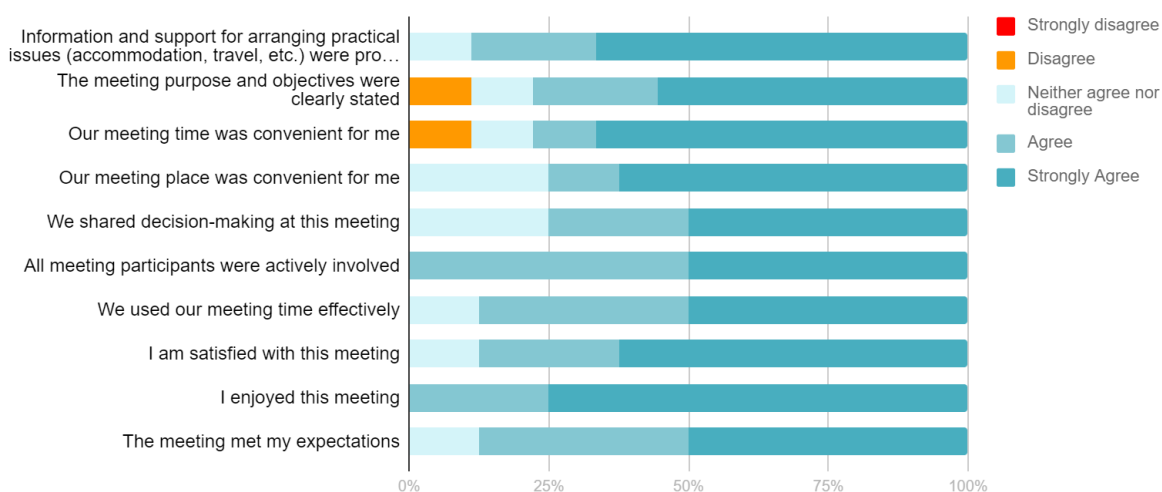
Degree of involvement and satisfaction

The degree of involvement and satisfaction is good. While some of the partners considered it positively, just few of them weren't satisfied with the sharing level of the decision-making process. The workshop held during the partners' meeting focused on the recent trends in Digitalization of Higher Education has been assessed by all the participants interesting and helpful to strengthen their knowledge and skills.

Aspects of the meeting that was considered particularly good

- The meeting allowed participants to share views and ideas about the project.
- Joint work has been mentioned as a strong point.
- The workshop on the digitalization of Higher Education has been assessed as particularly interesting, in terms of contents and interaction with the trainer.

Meeting Evaluation (First Partner Meeting in Sweden)



Conclusions

The questionnaire outcomes show that the organisation of the meeting has been assessed in average good. Nevertheless, some partners pointed out the confirmation for the dates, place and agenda has been delivered only a few days before the meeting, causing some problems in terms of travel organisation and visa application. Because of logistical problems some partners failed to attend the meeting. The participants underlined that the partners were very active and contributed to the discussion on all points of the agenda. The communication, both with the coordinator and with the other partners, has been considered quite satisfactory by the participants.

In conclusion, the first partner meeting has achieved the objectives set, even if not all the project partners attended the meeting. The discussions and the collaboration between the partners have been assessed satisfactory and the meeting enhanced the partnership dimension by strengthening the relations between the partners of the project.

3. Partners' Survey

Objective

Collection of data was based on an on-line questionnaire, that has been submitted to the DIGIHEALTH partners through a Google form.

Launched in June 2020, the Mid-Term Partners' Survey has been conducted in order to solicit feedback from partners in areas related to project management, such as effectiveness of coordination, communication between partners, awareness about roles and responsibilities, perceived performance and progression with reference to planned activities, assessment of the implementation of work packages, perceptions on sustainability. This analysis is based on feedback received from the partners until September 2020.

Methodology

Composed of 24 questions, this questionnaire is part of the activity that the Evaluation and Quality manual refers to as "Partnership Evaluation". This is an evaluation focused on how well the partnership is functioning and on well the project actions and performances have been improved. A well-functioning partnership, indeed, will be more successful in finding and disseminating solutions and eliciting change in the field of action than a partnership that needs a lot of internal improvement.

The questionnaire has been drawn consisting of a series of questions grouped in thematic modules that the respondent has answered in a set format. The thematic areas covered by the questionnaire are as follows:

- Relevance of the project;
- Quality of the project implementation;
- Dissemination;
- DIGIHEALTH mid-term results and project added value overall.

The questionnaire has been sent three times (June, July, and September 2020) to all the project partners. 7 out of 11 partners have completed the questionnaire. Therefore, given that not all partners replied to the questionnaire, this report provides only a partial interpretation of the project process.

The DIGIHEALTH partners that replied to the questionnaire are the following:

- Arab International University (AIU), Syria
- Lebanese University (LU), Lebanon
- Lebanese International University (LIU), Lebanon
- Modern University for Business and science (MUBS), Lebanon
- Mediterranean Universities Union (UNIMED), Italy
- Linnaeus University (LU), Sweden
- University of Genoa (UoG), Italy

Relevance of the Project

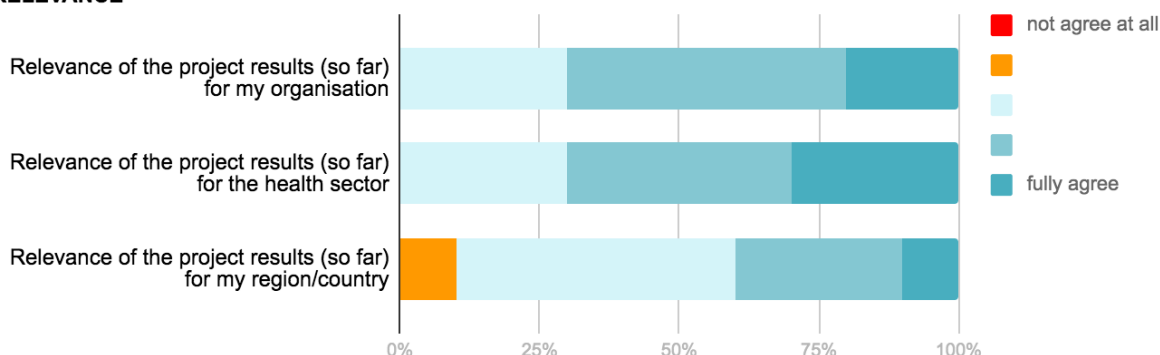
The questionnaire replies show a high perception of the importance of the project. For more than half of those interviewed, the Project has in fact relevance both for their own organization and for the health sector in general.

Different is the partner's perception on the impact of the project results on the region/country. In this case, the majority of respondents expressed a less positive opinion, assessing the project as medium effective.

It has been pointed out that the project is extremely important and essential to health education, even if the progress of the project is very slow. At the same time, it has been suggested to foresee better planning and follow up of the activities from the project's manager.

The assessment of the different dimensions related to the relevance of the project are presented in the chart below.

RELEVANCE



Quality of the project implementation

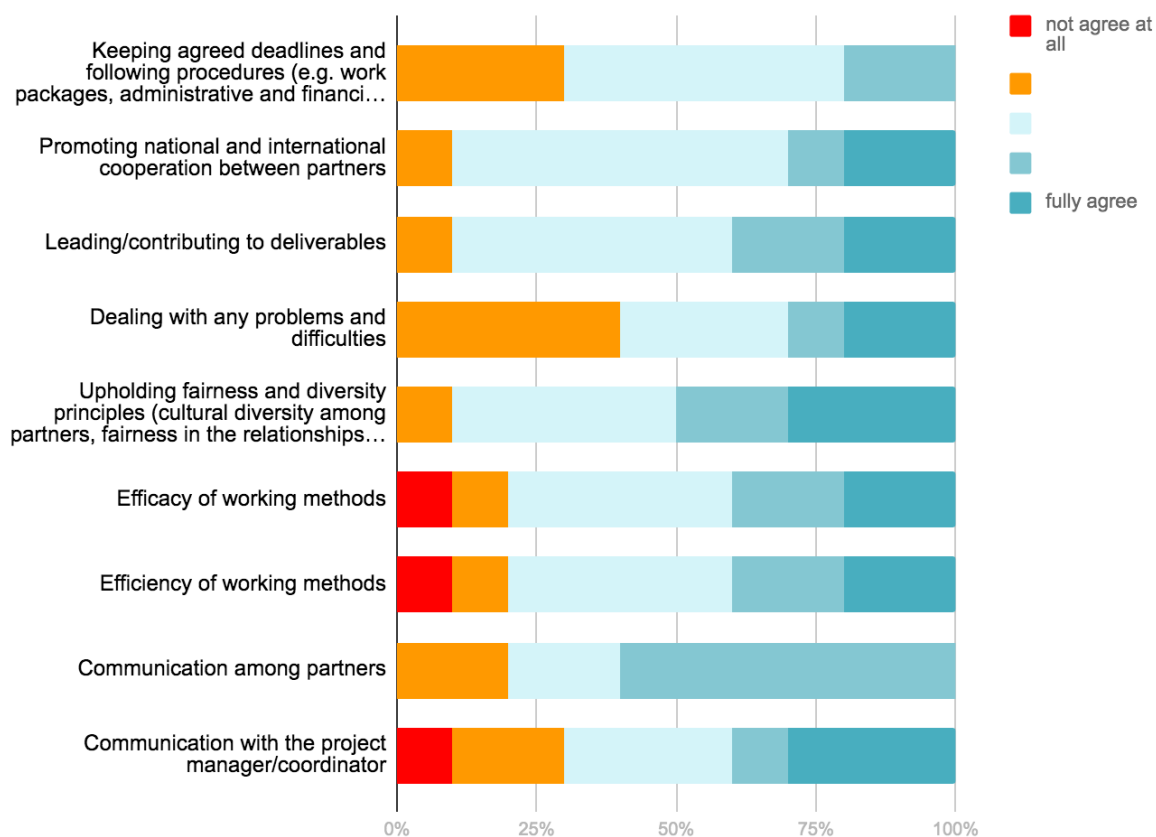
With regard to the quality of the project implementation, the questionnaire responses make it possible to identify some critical issues. In fact, the majority of respondents pointed out that despite the communication between the project partners is good, there are some weaknesses especially in the following two aspects: compliance with the agreed deadlines and the following procedures (e.g. work packages, administrative and financial matters); the ability to deal with problems and difficulties; communication with the project manager/coordinator.

The effectiveness of the working method has been assessed in the average. It has been pointed out that there have been external events that have affected the smooth implementation of the project (problems relating to obtaining the necessary visas to participate in the kick-off Meeting, restrictions caused by the impact of the COVID-19, etc.). In addition, There is a need to have more follow-up on the deadline by the project manager.

The communication among the partners has been considered average good, even if a lack of communication between the whole partnership and the project coordinator has been registered.

The assessment of the different dimensions related to the quality of the project implementation are presented in the chart below.

QUALITY OF THE PROJECT IMPLEMENTATION



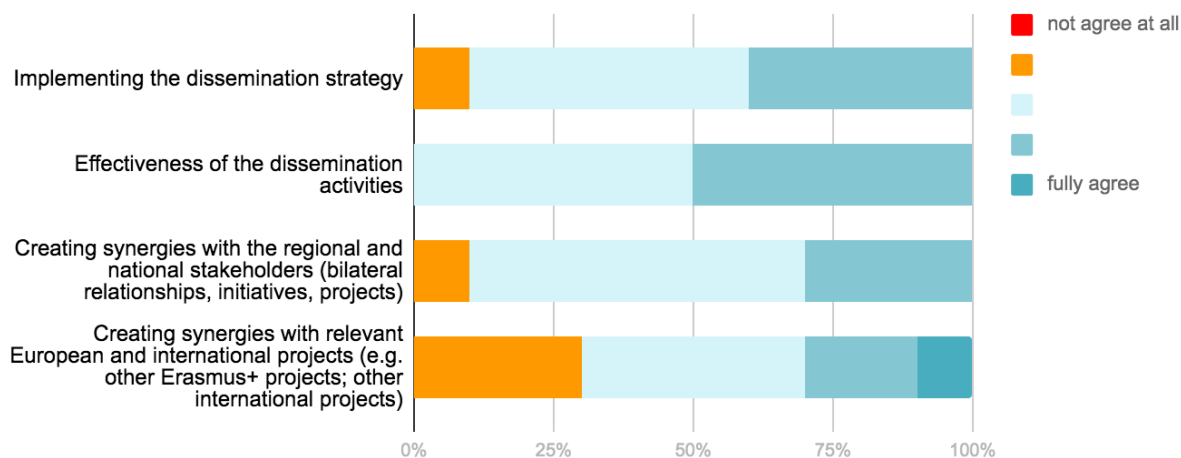
Dissemination

With regard to the implementation of the dissemination strategy, the level has been assessed on the average good, despite the dissemination activities started late, and might be increased in the second half of the project.

More efforts have been required in the creation of new useful synergies for the progress of the project. In particular, some partners underlined that more synergies should be established with relevant European and international stakeholders in order to foster the Euro-Mediterranean cooperation with new projects (e.g. more Erasmus+ projects; more international projects). In the light of that, the project encourages and arranges such collaborations and meetings.

The assessment of the different dimensions related to dissemination are presented in the chart below.

DISSEMINATION



DIGIHEALTH mid-term results and project added value

The last part of the survey included several open-ended questions asking respondents to assess the following aspects, considered as relevant in order to understand the status of the project: the quality of the results; Involvement/participation of the users/stakeholders in the development of the results; the MENA-EU value of the project results; National value of the project results; Knowledge and expertise gained by working on the project.

In this connection, partners perceived the DIGIHEALTH project as having a crucial role in particular in the creation of new capacity in the health sector.

In terms of national impact, the project provided the trained instructors with innovative methods for online education. Thanks to the collaboration between the partners, it has been possible to share best practices and to enforce the implementation of digital tools that reveal new digital perspectives during the lockdown period. In particular it has been emphasized that the project provided trained teachers with innovative ways to online education that enables students to continue their education during the COVID-19 lockdown.

With regards to the knowledge and expertise gained by working on the project, it has been drawn attention to the fact that, in many cases, it was the first time that the partners started online learning, online training and other online activities. In this context the organization of workshops and training sessions by the European partners has been considered as a concrete added value, especially because this has allowed them to acquire increased knowledge.

In conclusion, the majority of the comments are related to the project management and implementation and to the development of the effectiveness of the project actions. In general, the partners' suggestions are focused on the need to accelerate the implementation of the project by synchronising the coordination activity held by the project manager with the actions realised by each partner. The project coordinator involves all partners in the management activities and share with the consortium the decisions concerning all the work packages.

Nevertheless, all partners agree on the fact that the project plays a truly innovative role, especially during the COVID-19 pandemic. In this context, the project reveals all its importance and potential.

4. Monitoring Grid / Variance Grid

WP	Ref. nr	Deliverable Title	Delivery Date	STATUS	INDICATORS (as in the proposal)	INDICATORS CHECK	ADDITIONAL INFORMATION
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1	1.1	Report on digital skills status & current T&L approaches in health disciplines & their impact & available & required ICT-based teaching (ICT-BT) tools	14/7/2019	DELIVERED	- Survey of digital skills status in health educators & its impact - Survey of current T&L in health education & its impact - Survey of available & required ICT-based teaching tools - Final report on digital skills status, current T&L process situation & availability of using ICT-based teaching tools	ACHIEVED	Responses of faculty members 191; students 640 (data available from the project repository).
	1.2	Seminar to present & discuss survey results	14/8/2019	DELIVERED	2 national workshops & 1 regional workshop in Lebanon to present & discuss survey results with Ministries, HEIs, Health sector & other stakeholders	ACHIEVED	The two national workshops and the regional workshop in Lebanon have been replaced with one seminar in Sweden
	1.3	List of training areas updated	14/8/2019	DELIVERED	List of training areas updated	ACHIEVED	
2	2.1	Training contents ready	14/2/2020	TO BE DELIVERED	Develop of the materials and hand-outs of TOT's		
	2.2	Know-how acquired on moving from teaching to learning, e-content development, the educational digital portal & running the centers.	14/9/2020	TO BE DELIVERED	5 visits to 3 EU partners' countries to attend TOTs & acquiring the know-how knowledge		2 study visits conducted in Italy (Genoa, 10-13 June 2019) and Spain (Santiago de Compostela, 10-12 September 2019)
	2.3	Spill-over sessions through organizing seminars in PC	14/10/2020	ONGOING	25 workshops & training courses will be organized in LB and SY, 10 seminars to update academic staff with digital skills, best practices & and methods of T&L		

	2.4	Pilot modules re-developed with EU expertise	14/11/2020	ONGOING	30 pilot modules redesigned according to new digital skills and T&L methods		One training conducted in Lebanon (March 2020)
	2.5	Manual containing training materials & benchmarks	14/11/2020	ONGOING	Manual for training on digital skills & innovative T&L methods in Health Education		
	2.6	E-modules are developed & revised	14/8/2021	ONGOING	10 e-modules are developed & revised		
3	3.1	Centers established at LU/DU	14/11/2021	ONGOING	Purchase of computers & ITC equipment, software packages % subscription 2 centers established at LU & DU		Approval of LU president granted (pending official letter)
	5.1	Project homepage developed and updated	14/11/2021	ONGOING	Homepages established and maintained		Project website available: http://digihealth-eu.aiu.edu.sy/home
4	5.2	Promotion of project objectives & results in PC	14/11/2021	ONGOING	2 open days 4 meetings to network and present centers activities and development		
	5.3	Networking with public bodies, NGOs, non-partner Univ	14/11/2021	ONGOING	6 dissemination visits to 6 LB & SY non-partner universities 10 workshops with health societies, NGOs representatives & other stakeholders		
	5.4	Media coverage & press	14/11/2021	ONGOING			
	6.1	Kick-off meeting	14/12/2018	DELIVERED			
6	6.2	Steering Committee meetings	14/6/2021	ONGOING			SC meetings conducted in: Sweden, 28/29/11/2019

						Online, 03/02/2020 Online, 30/04/2020
6.3	Other Management outcomes	14/11/2021	ONGOING			
6.4	Closure meeting	14/11/2021	ONGOING			

EVALUATION AND QUALITY OF EXTERNAL PROCESSES

As regards external processes, the following processes have been evaluated:

Process	Target	Investigated dimension	Tool
Training of Trainers	- Experts in health disciplines - Trainers - Academic staff	Perceived relevance Perceived learning Perceived usefulness Active participation	Questionnaire at the end of the workshop
Field Visits	- Trainers - Academic staff	Perceived relevance Perceived usefulness	Questionnaire at the end of the Field Visit

For the period under evaluation, the following evaluation activities have been carried out:

- Field visit and Training Workshop at the University of Genoa, Italy
- Field visit and Training Workshop at the University of Santiago de Compostela, Spain
- Training of Trainers at the Beirut Arab University, Lebanon

1. Field visit and Training Workshop (10-13 June 2019, Genoa, Italy)

Methodology

Collection of data was carried out by means of an on-line questionnaire that was administered to the partners on July 17, 2019.

The 16 items, including closed questions and scale and open questions, aimed at verifying the satisfaction of participants concerning mainly organization, communication and achievements.

The questionnaire was administered to 16 participants to the training. 9 out of 16 participants have filled in the questionnaires.

Results

Training organisation

The satisfaction related to the training organisation, in terms of infrastructures and facilities is rather high (average 8/9). No particular problems regarding the organisation of the event were highlighted. The organisation of the training, in terms of timelines, sequence of courses and other, was considered satisfactory by the majority of the participants who replied to the questionnaire, even if the level of

satisfaction about the materials distributed during the training is in an average low. According to some participants the materials should have been distributed before and not during the training session.

Degree of involvement and satisfaction

The degree of involvement and satisfaction is in average good. Almost all participants judged the trainers well prepared and ready to answer any questions. However, the level of satisfaction about the impact of the training on the participants' activities is on average low: 6 out of 9 respondents assessed the effect of the train "average" and the others considered the training not satisfactory. The majority of the participants considered the training helpful to strengthen their knowledge and skills. The expectations about the training were in average met.

Overall evaluation

The overall level of satisfaction is on average good. 5 out of 9 participants judged the training satisfactory, even if the majority of them considered that the training objectives were not met. More information about the organisation and the management of the national research centers are highly suggested by the participants. In addition, participants considered the length of the course too short, and suggested a longer training course.

Three are the aspects of the training that participants evaluated particularly useful: 1. The e-learning workshop; 2. The visit to the SimAv center (Simulation and Advanced Training University Service Centre) and the explanation of the different types of simulations; 3. The visit to DISFOR and the explanation of the course management system (CMS).

Aspects of the training that were considered particularly useful

- The e-learning workshop;
- Visit to the simulation center SimAv and explanation about different types of simulations that could be realized in other similar centers;
- Visit to the DISFOR center and explanation about course management system;
- The lectures about different types of centers that could be established in the framework of the DIGIHEALTH project have been mentioned as a strong point of the training.

Aspects of the training that require improvement

- Some respondents underlined that the training was focused more on the description and on the visit to the research labs than on other matters considered by the participants more relevant to the scope of the project;
- Some remarks about the late sending of the training program have been pointed out; as suggestion for upcoming trainings, the agenda should be available at least one month before the meeting;
- More detailed notions on human resource and management aspects of the training centers could have been useful/advantageous;
- Others ask for an implementation of digital skills and consider useful the organization of a live session of e-learning.
- Some ask more hours of training.

Suggestions for the next training

- Program sent in advance, with clear objectives about the training objectives and partners' expected contribution;
- More time for discussion, reciprocal understanding, and more involvement of the participants;

- Include in the activities planned, not only an explanation of the facilities used in the university research centers, but also workshops where the participants can benefit from the European partners experience;
- More examples for ICT implementation in health sciences education.

2. Field visit and Training Workshop (10-12 September 2019, Santiago de Compostela, Spain)

Methodology

Collection of data was carried out by means of an on-line questionnaire that was administered to the partners on September 25th, 2019.

The 17 items, including closed questions and scale and open questions, aimed at verifying the satisfaction of participants concerning mainly organization, communication and achievements.

The questionnaire was administered to 14 participants to the training. 9 valid questionnaires were collected.

Results

Training organization

The satisfaction related to the training organisation, in terms of infrastructures and facilities is rather high. No particular problems regarding the organization of the event were highlighted. The organization of the training, in terms of timelines, sequence of courses and other, was considered satisfactory by the majority of the participants who replied to the questionnaire (8 out of 9) and the level of satisfaction about the materials distributed during the training is in an average high: 7 out of 10 assessed the material distributed helpful. According to some participants the agenda should have been updated at an earlier stage.

Degree of involvement and satisfaction of the Training

The degree of involvement and satisfaction is on average high. All participants judged the trainers well prepared and ready to answer any questions. Also, the level of satisfaction about the impact of the training on the participants' activities is high: 8 out of 9 respondents assessed the effects of the training satisfactory. However, the level of satisfaction concerning the expectations about the training is in average good, even if some participants did not consider their expectation completely fulfilled. All the participants have confirmed their intention to share the skills acquired with colleagues at their university.

Overall evaluation

The overall level of satisfaction is on average high. All the participants judged the training satisfactory, the majority of them considered that the training objectives were met (6 out of 9). More information about the eLearning platforms and the other eLearning tools are highly suggested by the participants. In addition, the participants considered the length of the course too short, and suggested adding to the next training a topic concerning the innovative methods of teaching and learning related to pharmacy education.

Three are the aspects of the training that participants evaluated particularly useful: 1. The OSCE presentation; 2. The Clinical Simulation (Elaboration of clinical scenarios for advanced simulation); 3. The eLearning platforms.

Workshops that the participants found particularly useful:

- Academic and Logistic aspect of OSCE (Objective Structured Clinical Examination);
- Elaboration of clinical scenarios for advanced simulation;
- E-tools for Advanced Simulation.

Conclusions and recommendations

The questionnaire outcomes show that training has been considered highly satisfactory by the participants. It was pointed out that the training allowed participants to share views and ideas about the topics, and that the efforts and the commitments of the hosting University were highly appreciated. Concerning the organisation of the training, no particular problems were highlighted.

In terms of timelines and sequence of courses just one respondent assessed the training “average”. These figures show that the organisation was in general very good. Focusing on the materials needed for the training, the satisfaction level of the participants is in average good. According to some participants, the materials should have been updated before.

In general, the respondents are satisfied with the training quality stating that the participants were very active and interested in the matters object of the training. Some more details could have been provided on teaching and learning methods related to pharmacy education. It has been suggested to include topics related to pharmacy education and to foresee longer visits and training at research centers.

In conclusion, it is possible to state that the training held at the University of Santiago de Compostela in the framework of the DIGIHEALTH Project was a success. The training achieved its goals in terms of activities held, but there are some logistical and content aspects that can be improved for future training.

3. Training of Trainers (3-5 March 2020, Beirut, Lebanon)

Description of the onsite training

The onsite training “Online learning: introduction and design” has been conducted on March 3-5, 2020 in Beirut at the premises of the Beirut Arab University.

The training design was based on the needs analysis conducted as part of the DIGIHEALTH WP1, and it was the result of a collaborative work among the team at Linnaeus University and at UNIMED, in consultation with the Arab International University and the hosting institution, Beirut Arab University.

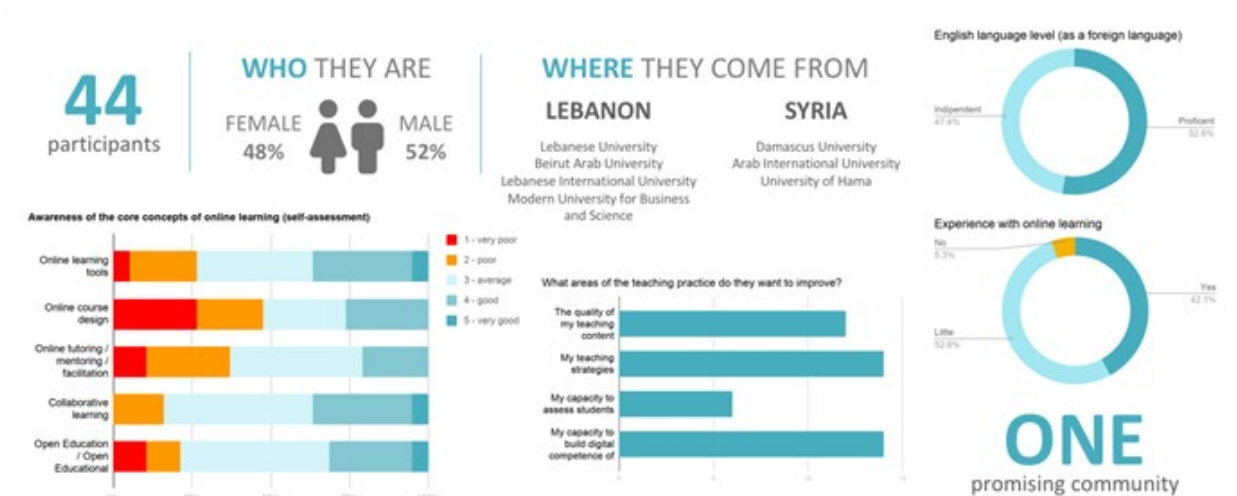
The intended learning outcomes for the training were:

- To recognise the main trends in eLearning and online learning;
- To evaluate different tools and methods for online learning into campus-based learning;
- To plan how to incorporate online learning practices into their daily teaching.

Trainers for the onsite training have been: Alastair Creelman, E-learning specialist at Linnaeus University, Sweden and Fawzi Baroud, UNESCO Chair in OER, Notre Dame University - Louaize, Lebanon (guest speaker).

As a starting point for the onsite training, participants took part in an online conversation on Padlet at the following URL: <https://padlet.com/alacre/digihealth2020>. Also, participants completed a pre-course questionnaire to map their profiles and confidence on the main topics of the training.

44 participants participated in the training, their profile is presented below:



The aim of the training was to increase the knowledge and understanding of recent tools and methods for online learning, by providing an overview of the opportunities and challenges of integrating online and blended learning into the university curriculum. In addition, a number of key issues have been presented and discussed with opportunities for practical workshops sessions. These issues included collaborative learning tools, course design principles, open educational resources, interactive online meetings and a case study of an open online teacher training course.

Using this as a foundation, the participants will then move on to investigate how these issues can be applied in their own teaching; online support will be available after the on-site element of the module.

Methodology

Collection of data was carried out by means of an on-line questionnaire that was administered to the participants right after the training on March 5th, 2020.

The items, including closed questions and scale and open questions, aimed at verifying the satisfaction of participants concerning mainly organisation, communication and achievements.

The questionnaire was submitted to the 44 participants to the training; 44 valid questionnaires were collected.

Results

Participants were generally satisfied with the training organisation, in terms of logistics, infrastructure and materials provided, having 64% rated those aspects as good or very good and 14% as poor or very poor. However, some remarks have been raised about the quality of the acoustic and the sound system in the room.

Satisfaction of the training

The degree of satisfaction of the training was high, rated good or very good for the 78% of the participants. Almost all the participants (91%) declared that they will share the skills acquired with other colleagues within their universities, and this is a key element to increase the impact of the capacity building intervention. The majority of the participants (80%) considered the training helpful to strengthen their knowledge and skills. The expectations about the training were in average satisfied.

Participants underlined the overall quality and success of the event, and considered the training was interesting and the trainer was qualified.

Impact

To measure the impact of the training workshop at individual level, participants were asked how confident they were before and after the training in the following core concepts of online learning:

- Online learning tools
- Online course design
- Online tutoring / mentoring / facilitation
- Collaborative learning
- Open Education / Open Educational Resources

Before the training, the participants' self-perception and confidence bounced between not confident at all to mildly confident (see graphs below).

Aspects of the training that the participants found particularly useful:

Among the open questions to address the training, participants have been asked to list 3 elements of the training they find particularly useful. These elements turn out to be:

- Open Educational Resources
- ABC Learning Design
- The online/distance learning tools presented (such as Padlet, Zoom, Mentimeter, Powtoon)

Participants also found particularly useful the opportunity to meet colleagues from other universities, and not in the least the trainer's contributions.

Overall evaluation

The majority of the participants (70%) considered that the training objectives were met, and the overall level of satisfaction was 61%.

Conclusions and recommendations

The questionnaire results show that the training has been considered satisfactory by the participants. Most of them pointed out that the training was very indeed enriching and beneficial.

In order to improve future trainings, participants suggested to:

- Plan for more practical sessions, increase the time of teamwork and hands-on workshops, such as ABC learning design workshop, and with an emphasis on course design through platforms;
- Involve IT staff and students in the training activities and course design;
- Focus on the context of healthcare, as an example adding an exercise of a common health course and discuss relevant issues, including common mistakes and failures;
- Adding specific Q&A sessions in the training programme;
- Share the training materials and PowerPoint presentations before the training;
- Host guests who have practical experience in deploying eLearning on their campus.

CONCLUSIONS AND RECOMMENDATIONS

work in progress