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*Enhancement of study programs in Public Health Law, Health
Management, Health Economics and Health Informatics in Montenegro*

WP4. Piloting and Evaluation

Deliverable 4.3- High standards and quality assurance of educational process and teaching

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**Enhancement of study programs in Public Health Law, Health
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Introduction

This report presents summary results of implementation of the activity **4.3- High standards and quality assurance of educational process and teaching**, and organisation of series of workshops aimed on exchanging experiences from EU partner institutions, understanding specificities of Montenegrin higher education system, from perspective of the quality assurance and control, and final creation of new comprehensive evaluation approach which is planned to be conducted at newly established MSc program, as well as at other developed programs/courses.

The report is organised as follows:

- Section I introduces methodological framework for organisation of workshops, adopted to the needs of MNE HEIs as well as by following cost-effective approach;
- Section II outlines evaluation questionnaire which is used as a key instrument for quality assurance of the workshops organisation and monitoring;
- Section III gives overall evaluation of implemented sets of workshop.
- Section IV and V gives links to workshop materials and separate reports per each organised workshop, respectively.



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Methodology for implementation of workshops

The aims of organisation of workshops within activity **4.3- High standards and quality assurance of educational process and teaching** is to support Montenegrin higher education institution in developing evaluation approaches of teaching and educational system, with adoption to the fields of public health.

Quality Control Board agreed on the following specificities in organisation of the workshops:

- Workshops shall be implemented in close cooperation of EU and MNE staff members on mutual cooperation and exchange of experience and practices
- Workshops shall include practical work on creation of specific evaluation approaches and related evaluation instruments, all adopted to regulatory frameworks at MNE HEIs
- Workshops shall be implemented by applying cost-effective approach and its integration with project coordination meetings
- Evaluation questionnaires shall be adopted to specificities of those workshops and aimed on identification and measuring of achieved impacts

By following defined measures and suggestions, totally 1+5 workshops were organised, as summary presented in the following table.

No.	Dates	Cost-effectiveness in workshop management	Integration of practical work
Zero	15 th March 2018	Integral part of 7 th Project Coordination meeting	n/a
1	22-23 rd November 2018	Integral part of 11 th Project Coordination meeting	n/a
2	23 rd -24 th January 2019	Integral part of 12 th Project Coordination meeting	Creation of comprehensive evaluation framework for newly established MSc program
3	9 th May 2019	Integral part of 13 th Project Coordination meeting	Adaptation of new evaluation framework in relation to existing quality assurance frameworks in Montenegro
4	30 th September 2019	Integral part of 15 th Project Coordination meeting	Creation of evaluation reporting frameworks



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5	23 rd January 2020	Integral part of 16 th Project Coordination meeting	Interpretation of results after evaluation of the 1 st semester
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Evaluation questionnaire

QUESTIONNAIRE

1. The content of the workshop met my expectations:

Strongly disagree *Disagree* *Neither agree nor disagree* *Agree* *Strongly Agree*

2. The content shared by EU partner institutions was relevant for the workshop topic:

Strongly disagree *Disagree* *Neither agree nor disagree* *Agree* *Strongly Agree*

3. The joint practical work on developing/improving evaluation approaches and instruments was important for meeting PH-ELIM objectives:

Strongly disagree *Disagree* *Neither agree nor disagree* *Agree* *Strongly Agree*

4. The contents of the workshop were well coordinated to each other:

Strongly disagree *Disagree* *Neither agree nor disagree* *Agree* *Strongly Agree*

5. The workshop was well organized:

Strongly disagree *Disagree* *Neither agree nor disagree* *Agree* *Strongly Agree*

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nor disagree

6. I already knew a lot about the topic before the workshop:

Strongly disagree Disagree Neither agree Agree Strongly Agree
nor disagree

7. I improved my knowledge on the topic in the workshop:

Strongly disagree Disagree Neither agree Agree Strongly Agree
nor disagree

8. What I learned in the workshop is relevant to implementation/creation of evaluation approaches and instruments at my institution:

Strongly disagree Disagree Neither agree Agree Strongly Agree
nor disagree

9. What is your overall your satisfaction with the workshop?

Very satisfied Somewhat satisfied Neither/nor Somewhat unsatisfied Very unsatisfied

10. Do you have any suggestions on how to improve the workshop next time?

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Overall evaluation

The following tables give summary overview of evaluation reports per each workshop, thus providing overall evaluation of the whole sets of organised workshops. The most important aspect regarding implementation of those workshops is related to tangible results after almost each organised workshop, which is considered as added value and measurable impact (added to those assessed with conducted evaluation questionnaire).

Table 1. Summary overview of participants at workshops

No.	EU institutions		MNE institutions		Total
	Male	Female	Male	Female	
1	2	4	2	9	17
2	3	5	1	5	14
3	1	5	2	1	9
4	1	3	2	9	15
5	2	7	2	1	12
Total	9	24	9	25	67

All workshops were highly positively evaluated by all participants within all evaluated perspectives: workshop content, workshops coordination, workshop impact, and participants' comments and suggestions. Summary overview is presented in the following table.

Table 2. Summary overview of evaluation results from the following perspectives: workshop content (questions 1, 2 and 3 in the questionnaire); workshops coordination (questions 4 and 5 in the questionnaire); workshop impact (questions 6, 7 and 8 in the questionnaire); participants' comments and suggestions (questions 1 and 10 in the questionnaire).

No.	Workshop content		Workshop coordination		Workshop impact		Overall satisfactions		Comments/ Suggestions
	Avg.	St. dev.	Avg.	St. dev.	Avg.	St. dev.	Avg.	St. dev.	
1	4,75	0,19	4,05	0,15	4,20	0,20	4,70	0,17	• Comprehensive presentation of different evaluation frameworks is very useful; it could be interesting to work on



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									<p>their comparison from the perspective of implementation in Montenegro</p> <ul style="list-style-type: none"> • Next topic could be related to analyses and interpretation of presented evaluation approaches <ul style="list-style-type: none"> ▪ It could be interesting to see implementation side of the questionnaires
2	4,93	0,06	4,80	0,16	4,57	0,46	4,93	0,06	<ul style="list-style-type: none"> • Very interesting workshop • It could be interesting to invite authorities and managers responsible for evaluation designing and implementation • Results of the workshop should be presented to university authorities as well
3	4,83	0,14	4,81	0,15	4,42	0,80	4,88	0,11	<p>It would be interesting to create similar evaluation approaches for life-long education in the field of medicine. It would be very useful for scholarship programs funded by the Ministry of Health</p>
4	4,89	0,10	4,77	0,18	4,16	0,88	4,85	0,12	N/A
5	4,83	0,14	4,75	0,19	4,75	0,24	4,88	0,11	<ul style="list-style-type: none"> • It would be interesting to present evaluation results and interpret them

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Total	4,85	-	4,64	-	4,42	-	4,85	-	• Very useful to compare results at different MNE institutions
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As explained in the introductory section of this document, all workshops were designed to have clear practical results and impacts, thus serving as a basis for initiatives that are expected to be conducted at Montenegrin HEIs from the perspective of modernization of existing evaluation frameworks as well as adaptation to specificities of different public health fields.

Table 3. Summary overview of tangible workshops' results and their impact

No.	Practical work during workshop		Impact for MNE HEIs
	Group work	Result	
1	n/a	n/a	n/a
2	Creation of evaluation framework	<ul style="list-style-type: none"> - Evaluation framework drafted - Suggested steps: evaluation of enrolled students, evaluation of courses, evaluation of the program, alumni evaluation 	<ul style="list-style-type: none"> - MNE HEIs delegated few representatives from managing bodies to attend workshop, which contributed to their practical impacts - PH-ELIM representatives from MNE HEIs actively shared key messages and results gained from the workshop to the authorities - Evaluation results of the 1st and 2nd semester are expected to increase interests of MNE HEIs authorities to make key steps moving towards use of created framework at other programs at university levels
3	Adaptation of evaluation framework in relation to existing quality assurance frameworks in Montenegro	<ul style="list-style-type: none"> - Indicators defined in the QAF framework at UDG are integrated - Framework is accessed as applicable under existing evaluation frameworks at UCG and UNIM 	
4	Creation of evaluation instruments	<ul style="list-style-type: none"> - Drafted versions of evaluation instruments are created for each step in the evaluation framework 	
5	Preparation of template for reporting	<ul style="list-style-type: none"> - More substantial template for reporting is created, compared to those already existing at MNE HEIs, by following best practices at EU HEIs 	



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Workshop materials

All workshop materials are uploaded at PH-ELIM distance learning platform, and representatives from Montenegrin partner universities shared them with authorities and program directors, who are responsible for designing and implementation of evaluation approaches.

Summary presentation of workshops' reports

All reports are available at: <http://ph-elim.net/activities/wp4/> *WORKSHOPS FOR STAFF MEMBERS*

Zero workshop: 15th March 2018

- [Link to 7th coordination meeting](#)

Workshop 1: 22-23rd November 2018

- [Link to 11th coordination meeting](#)
- [Report](#)

Workshop 2: 23rd -24th January 2019

- [Link to 12th coordination meeting](#)
- [Report](#)



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Workshop 3: 9th May 2019

- [Link to 13th coordination meeting](#)
- [Report](#)

Workshop 4: 30th September 2019

- [Link to 15th coordination meeting](#)
- [Report](#)

Workshop 5: 23rd January 2020

- [Link to 16th coordination meeting](#)
- [Report](#)

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