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WP1. ANALYSIS AND ROADMAPING: PUBLIC HEALTH EDUCATION IN MONTENEGRO

Technical Implementation Report

Authors:

University of Athens (WP leader; leader of activities 1.1 and 1.2)

University of Montenegro (leader of activity 1.3)

University of Donja Gorica (leader of activity 1.4)



1) Activities implemented

Summarise the activities implemented so far addressing in particular the following issues:

- *Extent to which these activities are in line with (or diverge from) the work programme, timetable and partners' share of responsibilities presented in the application;*
- *The applicability, added value and impact for the partner countries involved of the activities implemented so far*
- *Describe any obstacle/difficulty encountered and the measures taken to address them.*

Work Package 1 (WP1) - ANALYSIS AND ROADMAPING: PUBLIC HEALTH EDUCATION IN MONTENEGRO was aimed on creating a good research ground for carrying out the other project WPs by reviewing and analyzing current EU practice and principles of public health principles, practice and education at both, institutional and national levels at EU and at global level. Also, thematic working groups among project partners are planned to be created in different interdisciplinary fields of public health. Finally, WP1 will help ME institutions to summarize their current level at public health education and cross-match with EU practice and standards, on which bases the Roadmap will be created for improving educational system, spreading the excellence and human capital development.

Thus, the following activities were planned and carried out:

- **Activity 1.1 (Deliverable 1.1 - Report: Analysis of EU practice for public health) -** Make comprehensive overview of existing practices at EU and global level in public health. Identify and analyse different aspects of public health practices, including: role of public bodies, national regulations, ICT support services, judgments and decision making at national level, human and capacity building, etc. The analyses will be done by created four thematic working groups at project level.
- **Activity 1.2 (Deliverable 1.2 - Report: Analysis of EU practice for public health education)-** Make comprehensive overview and analyses of EU and global educational practices in interdisciplinary fields of public health. Special attention shall be given to organization, implementation and maintaining of educational issues in public health covering pedagogical, organizational and technical frameworks, as well as cooperation with public health providers at national levels.
- **Activity 1.3 (Deliverable 1.3 - Report: Cross-matching of practices in ME with EU standards) -** Cross-matching of public health practices and best practices in

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PROJECT COORDINATOR: University of Dc
81000 Podgorica, M
| <http://www.u>
| udg@u
| Tel:+382(0)2
| Fax:+382(0)2
PROJECT WEBSITE:www.j



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public health education between EU and ME, aimed on identification of similarities and possibilities for improvements in ME. Representatives from relevant national institutions from ME (Ministries, Institute of Public Health, etc.) will provide indicators relevant at national level in ME.

- **Activity 1.4 (Roadmap: New Educational System in Public Health in Montenegro)**

On the basis of previous activities, national roadmap for implementing and managing Public Health Education in Montenegro shall be created and established. It shall specify key actors and assigned roles, and step wise approach for implementation of proposed public health educational system in ME. The Road Map should be presented to public health providers, policy makers, authorities and general audience, in order to raise awareness and find investments for innovations in public health community in ME. The Roadmap will be updated during project implementation (at 18 and 36 months) in accordance with achieved results and impacts.

All planned activities are successfully implemented, as follows:

- **Activity 1.1**

A project group made of representatives from both, EU and Montenegrin academic institutions as well as representatives of public authorities (Ministry of Health and Institute of public health) worked together on analysis of EU and global practices in public health; identification of relevant public health practices at EU and global levels, analysing their regulations and policy frameworks. Additionally, a visit to the partner institution from Greece (University of Athens) was organized. It was aimed at exchanging good practice and presenting achievements during the activity.

Finally, the activities resulted in a report titled "*Deliverable 1.1-Analysis of EU practice for public health*" (<http://ph.elim.net/activities/wp1/>) which includes a comprehensive analysis of existing public health practices in EU member states and in well-known global actors in this field (Australia, Canada, Japan, USA), in total 32 countries.

- **Activity 1.2**

Similarly, to implementation of the previous activity, a project group formed of ME educational and research institutions together with EU partner universities, with participation of Montenegrin public institutions (Ministry of education, Ministry of health, Institute of public health) worked on the analysis of existing practices in

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PROJECT COORDINATOR: University of Dc
DPMs Office, 81000 Podgorica, M
| <http://www.u>
| udg@u
| Tel:+382(0)
| Fax:+382(0)
PROJECT WEBSITE: www.j



educational systems in public health fields. Educational systems included formal educational systems (bachelor study programs, master study programs, doctoral study programs), informal educational systems (professional training and domain specific training), as well as public health education for the broader public (rising awareness campaigns and informative campaigns on public health issues); all in accordance with EU regulations and directives about public health education.

Finally, the activities resulted in a report titled “*Deliverable 1.2-Analysis of EU practice for public health education*” (<http://ph-elim.net/activities/wp1/>) which includes a comprehensive analysis of existing public health practices in education among 32 countries (EU member states and Australia, Canada, Japan, USA).

- **Activity 1.3**

A project group formed of representatives from each Montenegrin partner institution made comprehensive overview of existing situation in Montenegro including both, public health practices and educational system in multidisciplinary fields of public health.

After that, a group was extended with EU partners, and based on key results and conclusions from 1.1 and 1.2., cross-matching analyses clearly identified of possibilities for applying these best EU and global practices in Montenegro and its educational system in public health. The project group had one meeting in Germany, organized by University of Heidelberg.

Finally, a report titled “*Deliverable 1.3-Cross-matching of practices in ME with EU standards*” (<http://ph-elim.net/activities/wp1/>) was published, which illustrative tables presenting key characteristics and issues when analyzing both, public health and public health education, the level of its achievements or issues identified at EU and global level, as well as existing situation and practices in Montenegro.

- **Activity 1.4**

A project group, made up of academic staff from each ME educational and research institution and representatives of other governmental bodies explored the EU good practices and ME specificities and created a roadmap with short term goals (2017-2019) expected to be achieved within PH-ELIM, and long term goals (2019-2024) as well as a Plan - Do – Check - Act (PDCA) list.

The project group together with other partner institutions had one meeting organized in Montenegro, hosted by University of Donja Gorica (UDG) (1st National

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PROJECT COORDINATOR: University of Dc
Podgorica, M
| <http://www.u>
| udg@u
| Tel:+382(0)
| Fax:+382(0)
| PROJECT WEBSITE:www.j



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Coordination meeting: <http://ph-elim.net/activities/management/1st-national-coordination-meeting-28th-april-2017/>).

A report titled '*Deliverable 1.4 - Roadmap for New Educational System in Public Health in Montenegro- VERSION I*' was crafted (<http://ph-elim.net/activities/wp1/>).

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| **PROJECT COORDINATOR:** University of Dc
| Donja Gorica, 81 000 Podgorica, M
| <http://www.u>
| udg@u
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| Fax:+382(0)2
| **PROJECT WEBSITE:** www.j



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2) Mobility for Teaching, Training and/or project research activities

Describe the type and objectives of the teaching / training / research carried out and the mobility flows linked to them.

Explain the methodologies adopted by the partnership for informing, identifying and selecting the participants who have been or will be involved in these activities.

Activity 1.1:

- 2nd Coordination meeting, hosting institution: University of Athens (<http://ph-elim.net/activities/management/2nd-project-coordination-meeting-24-26th-may-athens-greece/>): analyses of implementation progress, group meeting within working group, as well as presentation of practices in Athens and lessons learned in last decades related to public health development

Activity 1.2

- 2nd Coordination meeting, hosting institution: University of Athens (<http://ph-elim.net/activities/management/2nd-project-coordination-meeting-24-26th-may-athens-greece/>): analyses of implementation progress, group meeting within working group, as well as presentation of practices at developing and implementing educational program in public health fields at University of Athens

Activity 1.3

- 3rd Coordination meeting, hosting institution: University of Heidelberg (<http://ph-elim.net/activities/management/3rd-coordination-meeting-27-29th-june-heidelberg-germany/>) analyses and discussion of progress report, joint cross-matching analyses and summarizing findings; sharing experience about best practices in public health and public health education in Germany and Hungary

Activity 1.4: n/a

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PROJECT COORDINATOR: University of Dc

10000 Podgorica, M

| <http://www.u>

| udg@u

| Tel:+382(0)

| Fax:+382(0)

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TABLE OF ACHIEVED / PLANNED RESULTS

Title and reference number of the work package (WP)	WP1. ANALYSIS AND ROADMAPING: PUBLIC HEALTH EDUCATION IN MONTENEGRO
Indicators of achievement and/or/performance as indicated in the project proposal	<ol style="list-style-type: none"> 1. Conducted analyses of at least 24 best practices at EU and global level 2. Participation of at least 10 policy makers, key health and educational authorities providing inputs for cross-matching analyses 3. Specified at least 15 goals (short- and long-term) in Roadmap

Activities carried out to date to achieve this result:

Activity N°	Activity Title	Start date	End date	Place	Description of the activity carried out	Specific and measurable indicators of achievement
1.1.	Analysis of EU practice for public health	01/10/2016	10/06/2017	ME partners (UDG, UCG, UNIM, IMTM, IPHMNE, MoE, MofH) EU partners (UHEI, UoA, DE, UMIT)	<ul style="list-style-type: none"> - Identification and analyses of practices at EU level and well-known countries at global level - Summary comparison and identification of both, key challenges and recommended frameworks for developing countries as Montenegro 	<ul style="list-style-type: none"> - 32 countries analyzed - 1st version of the report is published at project website: http://elim.net/activities/wp1 <p>Deliverable 1.1- Report Analysis of EU practice for public health English version (draft)</p>
1.2.	Analysis of EU practice for public health education	01/10/2016	10/06/2017	ME partners (UDG, UCG, UNIM, IMTM, IPHMNE, MoE,	<ul style="list-style-type: none"> - Identification and analyses of practices in public health education (including both, 	<ul style="list-style-type: none"> - 32 countries analyzed - 1st version of the report is published at project website: http://elim.net/activities/wp1



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				MofH) EU partners(UHEI, UoA, DE, UMIT)	formal and in-formal education) at EU level and well-known countries at global level - Summary comparison and identification of potentials for improvement in Montenegro (all levels in higher educational system (BSc, MSc, PhD) and life- long learning)	site: http://elim.net/activities/w Deliverable 1.2- Repo Analysis of EU pract education English version (draf
1.3.	Cross-matching of practices in ME with EU standards	01/10/2016	20/06/2017	ME partners (UDG, UCG, UNIM, IMTM, IPHMNE, MoE, MofH) EU partners(UHEI, UoA, DE, UMIT)	- Analyses of existing situation in Montenegro in both, public health and public health education - Cross-matching with key conclusions and findings about practices in EU member states and well-known countries at global level - Open discussions and presentations with representatives from the national authorities (Institute of public health, Ministry of health, Ministry of education,	- 1 st version of the is published at proje site: http://elim.net/activities/w Deliverable 1.3- R Cross-matching practices in ME wi standards (draft)

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| **PROJECT COORDINATOR:** University of Donja Gorica
| Donja Gorica, 81 000 Podgorica, Montenegro

| <http://www.udg.edu.me>
| udg@udg.edu.me

| Tel:+382(0)20 410 777
| Fax:+382(0)20 410 766

| **PROJECT WEBSITE:** www.ph-elim.net



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					Clinical centre, etc), WHO, etc.	
1.4.	Roadmap for New Educational System in Public Health in Montenegro	01/10/2016	20/06/2017	ME partners (UDG, UCG, UNIM, IMTM, IPHMNE, MoE, MofH) EU partners(UHEI, UoA, DE, UMIT)	<ul style="list-style-type: none"> - Identification of short-term and long-term goals - Implementation plan of short-term goals (Plan-Do-Check-Act model of developing working packages) 	<p>1st version of the Roadmap is created and published on project web site: http://ph-elim.net/activities/wj</p> <p>Deliverable 1.4- Roadmap Educational System in Public Health in Montenegro VERSION I (draft)</p>

Activities to be carried out to achieve this outcome (before the end of the project)

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
1.1.	Analysis of EU practice for public health	10/06/2017	31/10/2017	ME partners (UDG, UCG, UNIM, IMTM, IPHMNE, MoE, MofH)	<ul style="list-style-type: none"> - Finalization of the Report (spell-check; unified formatting; references, etc.) - Translation to Montenegrin language - Official publishing (with ISBN number) - Printing and publishing to wider audience at national level 	<ul style="list-style-type: none"> - Finalized translated and published for publication - Received ISBN number for publication - Publication printed and distributed to authorities, decision-making bodies and audience

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| Donja Gorica, 81 000 Podgorica, Montenegro

| <http://www.udg.edu.me>
| udg@udg.edu.me

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1.2.	Analysis of EU practice for public health education	10/06/2017	31/10/2017	ME partners (UDG, UCG, UNIM, IMTM, IPHMNE, MoE, MofH)	<ul style="list-style-type: none"> - Finalization of the Report (spell-check; unified formatting; references, etc.) - Translation to Montenegrin language - Official publishing (with ISBN number) - Printing and publishing to wider audience at national level 	<ul style="list-style-type: none"> - Finalized translated and published - Received ISBN number for publication - Publication prepared in Montenegrin language and distributed to authorities, decision-making bodies and audience
1.3.	Cross-matching of practices in ME with EU standards	20/06/2017	31/10/2017	ME partners (UDG, UCG, UNIM, IMTM, IPHMNE, MoE, MofH)	<ul style="list-style-type: none"> - Printing and publishing to wider audience at national level 	<ul style="list-style-type: none"> - Publication prepared and distributed to authorities, decision-making bodies and audience
1.4.	Roadmap for New Educational System in Public Health in Montenegro	20/06/2017	30/10/2019	ME partners (UDG, UCG, UNIM, IMTM, IPHMNE, MoE, MofH) EU partners (UHEL, UoA, DE, UMIT)	<ul style="list-style-type: none"> - Promotion of the Roadmap to stakeholders at national level in Montenegro (during annual national conferences in public health) - Version II of the Roadmap: Analyses of achieved results and impacts after 18 months of project implementation, identification of revised short-term and long-term goals 	<ul style="list-style-type: none"> - Agenda, Minutes - List of participants - the National Conference in public health - Version II of the Roadmap: published on project web site - Version III of the Roadmap: published on project web site

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PROJECT COORDINATOR: University of Donja Gorica
| Donja Gorica, 81 000 Podgorica, Montenegro

| <http://www.udg.edu.me>
| udg@udg.edu.me

| Tel:+382(0)20 410 777
| Fax:+382(0)20 410 766

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					- Version III of the Roadmap: Analyses of achieved results and impacts at the end of project implementation, identification of revised short-term and long-term goals	
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Changes that have occurred in this result since the original proposal:

Since the project officially started in January 2017, it caused some delays in delivering reports. Thus, ending dates for activities within W extended compared to originally proposed in the project application.

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| **PROJECT COORDINATOR:** University of Donja Gorica
| Donja Gorica, 81 000 Podgorica, Montenegro

| <http://www.udg.edu.me>
| udg@udg.edu.me

| Tel:+382(0)20 410 777
| Fax:+382(0)20 410 766

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