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WP2. Human Capacity Building in Public Health Education in Montenegro

WP3- Development of study programs in Public Health in ME

- ongoing activities-

Technical Implementation Report after 1st year of implementation

Authors:

University of Heidelberg (WP2 leader)

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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 2 (WP2) - Human Capacity Building in Public Health Education in Montenegro was aimed on organizing training, workshops, networking, good practice exchange, all moving towards: (i) helping staff members from Montenegro (ME) higher education institutions (HEIs) to enhance their expert knowledge in public health by sharing evidence-based public health teaching models of innovation and good practice; respecting the diversity of national and European population health challenges and threats, as well as on (ii) increasing the visibility of ME HEIs staff members and participating institutions' profiles in international teaching community in the interdisciplinary area of public health.

- **Activity 2.2 (Deliverable 2.2 – Report: Teaching Competencies Development of academic staff from Montenegro)** – Planning and organising training activities for Montenegrin staff members in different fields of public health
- **Activity 2.3 (Deliverable 2.3 – Report: Strengthening cooperation with EU authorities in healthcare education)**

Both activities are implementing successfully, as follows:

- Implementation of the Activity 2.2. started with creating working groups within 4 multidisciplinary fields. Each WG is led by experienced EU partner universities, with participation of staff members from Montenegrin academic and non-academic partner institutions. Unified template for WG staff members' CVs are prepared.
- Training events plan is prepared by following plan proposed in the project proposal, and making slight modifications: Zero training as introductory is proposed; organisation of joint training events in Montenegro for wider audience, etc.
- All activities were carried out according to plan, with active participation of all partner institutions.

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- In addition to project proposal, Distance Learning platform is launched for the purpose of training events (and will be used later also for teaching process at ME HEIs).
- Evaluation approaches are carefully selected and includes: (i) standard questionnaires with 8 closed and 4 open questions (integrated within developed platform), and additionally (ii) self-regulation approach as recently developed and used for adults education.
- Implementation of the Activity 2.3. started with reviewing existing situation in Montenegro, understanding the level of expertise of MNE staff members, and creating action plan within 4 thematic groups. Major progress is made in the field of Medical informatics, while results in other groups are expected for upcoming period.

Work Package 3 (WP3) - Analyses of educational programs in Public Health was aimed on making detailed analyses of existing educational programs in ME related to public health interdisciplinary fields; creation of enhanced programs/courses/curricula in public health in ME (including all levels- from undergraduate to PhD programs); creation of at least 1 new program (MSc in public health economy and management at UDG); accreditation of new program and formal integration of updated courses/programs into the curricula; preparation of learning repository in Public Health (teaching and learning materials, National Platform for Education and Research of Public Health in Montenegro, etc.).

Thus, the following activities were planned and carried out for reporting period:

- **Activity 3.1 (Deliverable 3.1 – Report: Analysis of EU practice for public health)**
The goal of the report was to facilitate understanding and transparency regarding current and future courses/programs on public health at the University of Montenegro, University of Donja Gorica and University Mediterranean.
- **Activity 3.2 (Deliverable 3.2 – Report: Creation of new and updated programs and courses curricula)** Creation of new MSc program, and all other courses/curricula which will be implemented at all 3 partner universities.
- **Activity 3.4 (Deliverable 3.5- Integrated new/updated courses into the curricula of ME partner HEIs)** Formal verification of developed courses and integration at existing study programs. It could require either formal decisions by Educational and Scientific Boards (as Faculty/University level)- only for small changes or accreditation procedure – for bigger changes.

Due to decision of the Quality Control Board, both activities started earlier for University of Montenegro (due to re-accreditation process), and their progress is as follows:

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- Implementation of activity 3.1- The comprehensive analysis including information on subjects, technical background and staff. University of Montenegro has provided information on public health and medicine, University of Donja Gorica on Health Economics and Management and University Mediterranean on Public Health Law. Information was collected by a survey consisting of 11 questions. The questionnaire was developed by the University of Debrecen.
- Implementation of activity 3.2- One new MSc program “Health Information Management” is drafted as well as sets of courses, as follows:
 - University of Montenegro:
 - Medical faculty with 5 study programs: medicine, dentistry, pharmacy, nursing and physiotherapy: 1.cycle (I-VI semester): 8 courses; 22 ECTS; 2.cycle (VII-XII semester): 6 courses; 18 ECTS; 3.cycle: renewed PhD program
 - University of Donja Gorica:
 - Faculty for International Economy, Finance and Business (BSc- 1 course; 5 ECTS; MSC- 2 courses; 10 ECTS)
 - Faculty for Information systems and technology (BSc- 2 courses; 14 ECTS;)
 - Faculty for Culture and Tourism (3 new modules at BSc and MSc levels)
 - Faculty for Sport Management (2 new modules at BSc and MSc levels)
 - Faculty of Law (MSC- 1 course; 5 ECTS)
 - University Mediterranean:
 - Faculty of Law (BSc- 1 course; 5 ECTS; MSC- 2 courses; 10 ECTS)
 - Faculty for Business studies (BSc- 4 course; 24 ECTS; MSC- 6 courses; 38 ECTS)
- Implementation of activity 3.4- University of Montenegro completed process of formal integration of created courses as a part of university re-accreditation. University of Donja Gorica and University Mediterranean will do the same in 2018/2019 when universities’ accreditations are scheduled.



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TABLE OF ACHIEVED / PLANNED RESULTS

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| Title and reference number of the work package (WP) | WP2. HUMAN CAPACITY BUILDING IN PUBLIC HEALTH EDUCATION IN MONTENEGRO |
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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 |
|-------------|---|------------|------------|---------------------|---|---|
| 2.2. | Teaching Competencies Development of academic staff from Montenegro | 15/02/2017 | 15/10/2017 | EU, Montenegro | Created thematic groups within different fields of public health Created plan for training events Organized 1+1 training events Created evaluation procedures Launched distance learning platform | http://ph-elim.net/training-events/ 0 th Training: University of Heidelberg, fields: all 1 st Training: University of Debrecen, field: Public Health law Distance learning platform: http://ph-elim.net/distance_learning/?redirect=0 |
| 2.3. | Strengthening cooperation with EU authorities in healthcare education | 01/03/2017 | 15/10/2017 | EU, Montenegro | Comprehensive analysis of existing competencies at national level Created detailed action plan | Published drafted report: http://ph-elim.net/activities/wp2/ |
| 3.1. | Analyses of educational | 01/03/2017 | 15/10/2017 | Podgorica, Debrecen | Created methodological approach: questionnaire of 11 questions | Reported available at: http://ph-elim.net/activities/wp3/ |



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| | programs in Public Health | | | | Comprehensive overview and analyses of existing situation and planning of new courses/curricula | |
| 3.2. | Creation of new and updated programs and courses curricula | 01/03/2017 | 15/10/2017 | EU, Montenegro | <p>- 1 new MSc program is drafted</p> <p>- University of Montenegro:</p> <ul style="list-style-type: none"> ■ Medical faculty with 5 study programs: medicine, dentistry, pharmacy, nursing and physiotherapy: 1.cycle (I-VI semester): 8 courses; 22 ECTS; 2.cycle (VII-XII semseter): 6 courses; 18 ECTS; 3.cycle: renewed PhD program ○ University of Donja Gorica: <ul style="list-style-type: none"> ■ Faculty for International Economy, Finance and Business (BSc- 1 course; 5 ECTS; MSC- 2 courses; 10 ECTS) ■ Faculty for Infomration systems and technology (BSc- 2 courses; 14 ECTS;) | Reports available at: http://ph-elim.net/activities/wp3/ |

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| | | | | | <ul style="list-style-type: none"> ■ Faculty for Culture and Tourism (3 new modules at BSc and MSc levels) ■ Faculty for Sport Management (2 new modules at BSc and MSc levels) ■ Faculty of Law (MSC- 1 course; 5 ECTS) <ul style="list-style-type: none"> ○ University Mediterranean: <ul style="list-style-type: none"> ■ Faculty of Law (BSc- 1 course; 5 ECTS; MSC- 2 courses; 10 ECTS) ■ Faculty for Business studies (BSc- 4 course; 24 ECTS; MSC- 6 courses; 38 ECTS) | |
| 3.4. | Integration of updated courses into the curricula of ME partner HEIs | 01/03/2017 | 15/10/2017 | Podgorica | <p>University of Montenegro finalized procedure of formal integration of newly developed courses during re-accreditation procedure</p> <p>University of Donja Gorica and University Mediterranean will make formal verification as integral parts of their re-</p> | Reports available at: http://ph-elim.net/activities/wp3/ |



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| | | | | | accreditation procedures scheduled for 2018/2019. | |
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Changes that have occurred in this result since the original proposal:

Because of the delay of the first kick off meeting, the realization of all activities in this initial phase is in late comparing to the original time plan defined in the application.

Quality Control board made decisions about 2 adjustments of WP3 related to new Law on HE in Montenegro:

- University of Montenegro started earlier with implementation of WP3 and finalized procedure of formal integration of newly developed courses during re-accreditation procedure
- WP3 indicators are adjusted due to new structure of HE: 3+2+2 (compared to previous structure: 3+1+1+3)