

Please complete the following Logical Framework Matrix:

E.4 Logical Framework Matrix – LFM

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<p>Wider Objective: <i>What is the general objective, to which the project will contribute?</i></p> <ul style="list-style-type: none"> To increase competences and skills of human resources Western Balkan Countries in field of Maritime Environmental Protection and Management (MEP&M). To strengthen mutual cooperation and competitiveness of partner country (PC) HEIs regionally and internationally 	<p>Indicators of progress: <i>What are the key indicators related to the wider objective?</i></p> <ul style="list-style-type: none"> Developed new joint regional, interdisciplinary master program in MEP&M in English language at PC HEIs. Improved competences and skills of staff at PC HEIs. Provided e-learning platform at PC HEIs for distance learning courses. Increased networking of PC HEIs with governmental institutions and industry sector enterprises dealing with climate change and marine pollution issues. 	<p>How indicators will be measured: <i>What are the sources of information on these indicators?</i></p> <ul style="list-style-type: none"> minimum 60 students enrolled in MSc program, documented minimum 39 members of staff from PC HEIs trained, documented 3 new e-learning platforms purchased, documented 9 signed agreements between PC HEIs with governmental institutions and enterprises dealing with climate change and marine pollution issues 		
<p>Specific Project Objective/s: <i>What are the specific objectives, which the project shall achieve?</i></p> <ul style="list-style-type: none"> To develop state-of-the-art regional joint interdisciplinary MSc program in MEP&M 	<p>Indicators of progress: <i>What are the quantitative and qualitative indicators showing whether and to what extent the project's specific objectives are achieved?</i></p> <ul style="list-style-type: none"> Documented GAP analysis 	<p>How indicators will be measured: <i>What are the sources of information that exist and can be collected? What are the methods required to get this information?</i></p> <ul style="list-style-type: none"> Accredited joint interdisciplinary MSc program in MEP&M in 	<p>Assumptions & risks <i>What are the factors and conditions not under the direct control of the project, which are necessary to achieve these objectives? What risks have to be considered?</i></p> <ul style="list-style-type: none"> Readiness of PC HEIs for development of joint MSc 	<p>How the risks will be mitigated:</p> <ul style="list-style-type: none"> On-time coordination and management of the project activities Motivation of interested actors to enroll in MSc program

<p>(120 ECTS) in English language at PC HEIs.</p> <ul style="list-style-type: none"> To build up human and technical capacities of PC HEIs to support new MSc program in MEP&M. To enhance networking among PC HEIs, governmental institutions, Blue economy sector companies and NGOs in order to act regionally to prevent and cope with consequences of global climate change and local/regional marine pollution. 	<ul style="list-style-type: none"> Documented guidelines for developing MSc program in MEP&M in English, one for all PC HEIs min. 12 courses within MSc in MEP&M developed, same for all PC HEIs min. 30 members of teaching staff of PC HEIs trained for enhanced knowledge in field of MEP&M and new teaching methodologies min. 9 members of technical staff trained at PC HEIs for e-learning support Provided min. 20 e-books for each PC HEI; 3 e-learning platforms for development of e-lectures and webinars, one per each PC HEI; 1 piece of equipment for water quality monitoring Developed teaching materials and e-lectures/webinars for 	<p>English at each PC HEI. Reports on accreditation procedure, course catalogues, other supporting documentation and certificate of accreditations for each PC HEI</p> <ul style="list-style-type: none"> Reports on PC HEIs staff training Reports on equipment procurement, installation and testing at PC HEIs Teaching materials and e-lectures/webinars for each MSc course delivered in English, same for all PC HEIs Reports on enrollment procedure with lists of enrolled students PC HEIs signed agreements with governmental institutions and industry sector enterprises dealing with climate change and marine pollution issues. Insights into agreements Reports on study visits, meetings, trainings, events, workshops, including 	<p>program in field of MEP&M in English language</p> <ul style="list-style-type: none"> Staff from PC HEIs motivated to be trained Delivery delay of equipment Lack of interested actors to be enrolled in MSc program (students graduating BSc studies and professionals) 	<ul style="list-style-type: none"> Media promotion and digital communication/dissemination Exploitation of roadmap Present good practices of programme countries HEIs
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	<p>each of 12 courses, same for all PC HEIs</p> <ul style="list-style-type: none"> • Documented 3 Accreditation reports for MSc program in MEP&M, one per each PC HEI • min. 60 students enrolled by the year 2023 • Redesign of web site in English at each PC HEI in order to give all information about new MSc program • PC HEIs signed min. 9 agreements with governmental institutions and industry sector enterprises dealing with climate change and marine pollution issues 	<p>agendas and participation lists</p>		
<p>Outputs (tangible) and Outcomes (intangible): Please provide the list of concrete DELIVERABLES - outputs/outcomes (grouped in Work packages), leading to the specific objective/s.:</p> <ul style="list-style-type: none"> • DEV 1.1 Overview of MSc programs in field of MEP&M at EU HEIs; DEV 1.2 GAP analysis; DEV 1.3 Reporting on actions and model for 	<p>Indicators of progress: <i>What are the indicators to measure whether and to what extent the project achieves the envisaged results and effects?</i></p> <ul style="list-style-type: none"> • Number of presented models of MSc in field of MEP&M at EU HEIs • Gap analysis, one for all PC HEIs 	<p>How indicators will be measured: <i>What are the sources of information on these indicators?</i></p> <ul style="list-style-type: none"> • Reports on the state-of-the-art and guidelines for development of MSc program in the field of MEP&M 	<p>Assumptions & risks <i>What external factors and conditions must be realised to obtain the expected outcomes and results on schedule?</i></p> <ul style="list-style-type: none"> • Appropriateness of data gathered through surveys • Complex and long legal procedures for the equipment procurement 	<p>How the risks will be mitigated:</p> <ul style="list-style-type: none"> • Active involvement of all project stakeholders in project activities will provide appropriate directions to mitigate risks and to provide full support of project activities. • Surveys will be composed to match the needs identified in the MEP&M proposal. EU partners

<p>introduction of new joint interdisciplinary MSc program in MEP&M in English language</p> <ul style="list-style-type: none"> • DEV 2.1 Development of master program curricula; DEV 2.2 Development of teaching materials and methodology; DEV 2.3 Development of e-lectures; DEV 2.4 Accreditation of master program curricula; DEV 2.5 Start-up and self-evaluation of master program • DEV 3.1: Procurement of equipment and e-books for supporting distance learning in MSc MEP&M; DEV 3.2: Know-how transfer to technical staff related to the usage of equipment for supporting distance learning; DEV 3.3: Development/Redesign of English web sites of Montenegrin and Albanian HEIs with information on MSc in 	<ul style="list-style-type: none"> • Guidelines for developing MSc program in MEP&M in English, one for all PC HEIs • Developed joint master program curricula with min. 12 courses • Developed appropriate teaching materials, e-lectures and webinars for min. 12 courses • Accredited joint master program in MEP&M at partner countries HEIs • min. 60 students enrolled in first year and program started by sept. 2023 • e-learning platform purchased and installed along with other equipment at each PC HEI • minimum 2 technical staff members from each PC HEI trained to use e-learning platform • min. 20 e-books purchased for each PC HEI 	<ul style="list-style-type: none"> • Report on developed curricula for new joint interdisciplinary MSc in MEP&M • Issued accreditation certificate of joint MSc program according to national rules in PCs • Report of enrollment procedure with lists of enrolled students • Report on developed teaching materials and e-lectures/webinars • Report on know-how transfer to staff from PC HEIs • Reports on public procurement procedures • Inventory list of equipment purchased, installed and tested • List of participants at events/trainings • Redesigned web sites visible • List of QA and PMB body members 	<ul style="list-style-type: none"> • Time-consuming accreditation procedure of joint MSc program due to internal procedures at partner countries HEIs and due to long procedures at ministries/agencies in charge for accreditation • Timely advertising and media promotion reaching target groups • Quality procedures too complex, causing lack of commitment to follow them • Late responses of partners on reporting • Lack of wider public knowledge on the subject may cause insufficient interest in the project achievements 	<p>have been selected based on their comparable and/or more advanced experience in field of MEP&M.</p> <ul style="list-style-type: none"> • Experienced staff of the PC HEIs will take part in the preparation of the equipment specifications and procurement procedures • Monitoring activities reduce the risk of WPs implementation • Accreditation procedures will be in charge by the top management structures of the faculties/institutes. Submission of Accreditation reports will be performed within foreseen deadline. • QA plan will contain developed templates and guidelines sufficiently detailed to facilitate every partner and individual participant meeting the required tasks. • Dissemination activities will be developed to fit the needs of different target groups. • Consortium has sufficient experience in EU funded programmes. Also, the Project Handbook will be developed to
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<p>MEMP; DEV 3.4: Know-how transfer to teaching staff related to the MEP&M</p> <ul style="list-style-type: none"> • QPLN 4.1: Establishment of Quality Assurance (QA) body; QPLN 4.2: Development and implementation of Internal Quality Control and Monitoring Plan; QPLN 4.3: External Quality Control and Evaluation; QPLN 4.4: Impact Analysis • DISS&EXPL 5.1: Development and implementation of dissemination and exploitation plans; DISS&EXPL 5.2: Website of the project and social media accounts; DISS&EXPL 5.3: Dissemination products and materials; DISS&EXPL 5.4: Dissemination and exploitation events; DISS&EXPL 5.5: Development of exploitation roadmap; 	<ul style="list-style-type: none"> • 3 web sites of PC HEIS redesigned to include all information on new MSc in MEP&M • Organized five tailored know-how transfer trainings for teaching staff in different fields of MEP&M and teaching methodologies for e-learning delivered by programme countries HEIs • min. 30 teaching staff members from all PC HEIs trained • QA Body established • Comprehensive QA and Monitoring Plan developed • Number of QA reports • QA external evaluation report • Impact Analysis document developed • Diss and Expl plan developed 	<ul style="list-style-type: none"> • QA and Monitoring Plan • QA templates and reports • Event quality reports • External evaluation reports • Impact analysis document • Available diss and expl plans with reports • Project web-site • Social media accounts • Newsletters • Media appearances recorded • Expl strategy documented • Conclusions from special sessions • Project Handbook • Partnership Agreements • Reports to EACEA • External audit report 		<p>address as many of these issues as possible from the very beginning, providing necessary guidance.</p>
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<p>DISS&EXPL 5.6: Exploring possibilities for continuation of the cooperation with the EU partners</p> <ul style="list-style-type: none"> • MNGT 6.1: Establishment of Project management structures; MNGT 6.2: Project meetings; MNGT 6.3: Day-to-day management of the project activities; MNGT 6.4: Periodic and final reports to EACEA; MNGT 6.5: External financial control 	<ul style="list-style-type: none"> • Project web-site and at least 3 social media acc opened • Number of promo materials • Number of diss events • Exploitation roadmap developed • Number of sessions on exploring possibilities for cooperation PC and EU HEIs • Established PMB • Project Handbook developed • 8 PAs signed • Audit report • Technical and financial reports to EACEA • Number of participants in the study visit, meetings and events • Number of reports from study visits, meetings 	<ul style="list-style-type: none"> • Reports and minutes on study visits, meetings, events 		
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Activities:	Inputs:		Assumptions & risks	How the risks will be mitigated:
<p><i>What are the key activities to be carried out (<u>grouped in Work packages</u>) and in what sequence in order to produce the expected results?</i></p> <ul style="list-style-type: none"> • WP1. Overview of MSc programs in field of MEP&M at EU HEIs; GAP analysis; Guidelines for developing new joint interdisciplinary MSc program in MEP&M in English language • WP2. Development of MSc program curricula; Development of teaching materials and e-lectures; accreditation of MSc program; start-up and self-evaluation of MSc program • WP3. Procurement of equipment and e-books for supporting distance learning; Know-how transfer to technical staff related to the usage of equipment for supporting distance learning; redesign of English web sites of PC HEIs; Know-how transfer to teaching 	<p><i>What inputs are required to implement these activities, e.g. staff time, equipment, mobilities, publications etc.?</i></p> <ul style="list-style-type: none"> • Staff cost: 3696 days all partners in total: P1 (coordinator) 779; P2 641; P3 643; P4 398; P5 268; P6 403; P7 243; P8 243; P9 78 • Mobility (study visits, trainings, meetings, events, etc: 223 flows (4 days); 28 flows (5 days) • Equipment: e-learning platform (servers, storage, software, lecture room, working stations, multimedia equipment), conference room, e-books, equipment for water quality monitoring • Subcontracting costs are provided for: audits, project web site development and maintenance, training material, organization of project events, printing of documents, promotional marketing materials, translation costs, video 		<p><i>What pre-conditions are required before the project starts? What conditions outside the project's direct control have to be present for the implementation of the planned activities?</i></p> <ul style="list-style-type: none"> • Efficient procedure of acquisition, VAT exemption and installation of equipment • Timely availability of human and technical resources • Realization of financial transactions from EC and distribution among partners, within deadline specified in the contracts • Competence of administrative staff for efficient project implementation 	<p>How the risks will be mitigated:</p> <ul style="list-style-type: none"> • Active involvement of all relevant project stakeholders in project activities. • Professional staff dealing with finances at HEIs, especially Lead Partner, will be involved in the project, ensuring maximum efficiency and accuracy of the acquisition process. • Sufficient staff coming from different levels will be engaged for project management • Project reports will be as accurately and timely presented to the EC. Also, at the beginning of the project, partners will find a way to overcome possible delay of first EC instalment • Administrative staff of Lead Partner has sufficient knowledge in Erasmus+ and also other EU programmes, so, with little or no additional training they can meet all the needs of the project. Project Handbook will be detailed enough to provide sufficient step-by-step guidance for both - experienced and inexperienced partners.

<p>staff related to the MEP&M</p> <ul style="list-style-type: none"> • WP4. Establishment of Quality Assurance; Development and implementation of Internal Quality Control and Monitoring Plan; External Quality Control and Evaluation; Impact Analysis • WP5. Development and implementation of dissemination and exploitation plans; Website of the project and social media accounts; dissemination products and materials; dissemination and exploitation events; Development of exploitation roadmap; Exploring possibilities for continuation of the cooperation with the EU partners • WP6. Establishment of the PMB body; Project meetings and management of the project activities; 	<p>campaigns and advertizing, etc.</p> <ul style="list-style-type: none"> • In-kind contribution: premises, furniture, telephone lines, internet connections, places for training and disseminating events, catering, etc. 			
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Periodic and final reports to EACEA; External financial control				
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