

LOGICAL FRAMEWORK MATRIX – LFM

<p>Wider Objective: <i>What is the overall broader objective, to which the project will contribute?</i></p> <ul style="list-style-type: none"> • Education of experts for prevention and management of natural disasters in the region of Western Balkan (WB) according to the national and EU policies. 	<p>Indicators of progress: <i>What are the key indicators related to the wider objective?</i></p> <ul style="list-style-type: none"> • Graduated students competent for effective risk management of natural disasters in WB countries • Increased requests for educational trainings in the field of management of natural disasters received from public sector • System experts for prevention and management of natural disasters is more transparent and effective 	<p>How indicators will be measured: <i>What are the sources of information on these indicators?</i></p> <ul style="list-style-type: none"> • HEI's annual reports on students' graduation • HEI's annual reports on number of realized educational trainings for public sector • European Commission and national progress reports on implementation of strategies and directives in the field of natural disasters risk management 	
<p>Specific Project Objective/s: <i>What are the specific objectives, which the project shall achieve?</i></p> <ul style="list-style-type: none"> • Develop and implement methodology for identification of natural disasters to be managed in WB region and all aspects of prevention and consequences in order to define specific competencies for professional practice • Develop and implement of the new advanced master curricula in Natural Disasters Risk Management (NDRM) in line with the Bologna requirements and national accreditation standards • Develop of trainings for the public sector and citizens for reaction in case of various natural disasters 	<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"> • Report on natural disasters in WB by March 2017 • At least 93 members of WB staff trained on management of natural disasters risk in EU countries, by December 2017 • At least 120 students enrolled in new master curricula by October 2018 • 8 new master curricula developed, implemented and accredited (2 in BA, 2 in XS and 4 in RS), by October 2018 • At least 14 one-day trainings conducted for the public sector and citizens by implementation August 2019 • At least 420 participants from WB countries public sector trained in most important issues of risk management 	<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"> • Reports (report on purchased equipment, software and library units; quality reports; interim and final project reports) available on project website • Number of equipped laboratories • Number of WB staff trained in EU • Number of training programmes • Acts of official accreditation of 8 master curricula • Number of enrolled students • Number of conducted trainings • Number of participants from WB public sector • Number of students participating in internships • Number of exchanged staff and students from WB HEIs with EU 	<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"> • Increased students interest in risk management of natural disasters • Cooperation between HEIs and local bodies for emergency situations • Lack of interest from the local authorities • Duration of the accreditation process • Personal motivation of each and every participant in program • Political and economical stability in the Western Balkan region

	<p>of natural disasters by August 2019</p> <ul style="list-style-type: none"> • At least 37 students' internships in partner HEIs will be realized by October 2019 • At least 21 staff and 15 students from WB HEIs exchanged within exploitation and sustainability of the project by October 2019 • Within Special Mobility Strand 277 staff and 52 students will be exchanged by October 2019 	<p>partners</p> <ul style="list-style-type: none"> • Number of exchanged staff and students from consortium members within Special Mobility Strand 	
<p>Outputs (tangible) and Outcomes (intangible):</p> <ul style="list-style-type: none"> • Please provide the list of concrete DELIVERABLES - outputs/outcomes (grouped in Workpackages), leading to the specific objective/s.: <p>WP1 Analysis of natural disasters to be managed in Western Balkan region</p> <p>1.1 Report on natural disasters in WB</p> <p>1.2 Survey of established practices in EU countries for NDRM</p> <p>1.3 Report on master curricula best practices in EU partners and Catalogue of competencies</p> <p>WP2 Development of master curricula</p> <p>2.1 Defined aims, specific competencies and learning outcomes of master curriculum per HEI in WB; Book of courses</p> <p>2.2 Defined courses content and syllabi</p> <p>2.3 Teaching staff trained</p> <p>2.4 Agreements for internships signed</p> <p>2.5 Laboratories equipped</p> <p>WP3 Development of trainings for citizens and public sector</p>	<p>Indicators of progress:</p> <p><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"> • Kick-off meeting held in October 2016 • Website developed since November 2016 • 3 training programme developed (one per each WB country) by January 2018 • Quality control plan created and adopted by January 2017 • Dissemination plan created by March 2017 • Promotional materials created since March 2017 • Sustainability plan created and adopted by SC till March 2017 • Guidelines for management and reporting created by March 2017 • Report of needs created by March 2017 • Questionnaires created, survey conducted and data processed by April 	<p>How indicators will be measured:</p> <p><i>What are the sources of information on these indicators?</i></p> <ul style="list-style-type: none"> • Project website • Number of study visits • Project progress reports • Official call for tender published in media • Equipment specification • Staff reports on visits completed • Workshop and meetings reports (website) • Reports of internal and external evaluations • List of developed master curricula, educational trainings and published materials • Up-to date completing the demands concerning accreditation process • Number of trainees trained • Dissemination report • Sustainability plan adopted • Travel reports • Training manuals 	<p>Assumptions & risks:</p> <p><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"> • Efficient and effective consortium management • Inability of making precise financial plans because of differences in Western Balkan partner countries financial laws • Motivation of staff, people and partners to participate • Lack of enthusiasm of possible participants for educational trainings • Delay in the delivery of the equipment

<p>3.1 Survey of citizens' and public sector awareness</p> <p>3.2 Study visit reports</p> <p>3.3 Trainings' materials prepared, teachers selected</p> <p>WP4 Implementation of developed master curricula and trainings</p> <p>4.1 Students enrolled</p> <p>4.2 Master curricula implemented</p> <p>4.3 Students' internships realized</p> <p>4.4 Participants trained</p> <p>4.5 Quality report on master curricula</p> <p>4.6 Quality report on trainings</p> <p>WP5 Quality assurance and monitoring</p> <p>5.1 Minutes of the meetings</p> <p>5.2 Quality control plan adopted</p> <p>5.3 Report of the external quality evaluation</p> <p>5.4 Report of the external auditor</p> <p>5.5 Report on the inter-project coaching</p> <p>WP6 Dissemination</p> <p>6.1 Dissemination plan created</p> <p>6.2 Promotion material created</p> <p>6.3 Student enrolment promoted</p> <p>6.4 Trainings promoted</p> <p>WP7 Exploitation</p> <p>7.1 Sustainability plan created</p> <p>7.2 Master curricula accredited</p> <p>7.3 Student and staff mobilities realized</p> <p>WP8 Project management</p> <p>8.1 Minutes of the meeting</p> <p>8.2 Minutes of the meetings</p> <p>8.3 Guidelines on the project</p>	<p>2017 on 300 subjects per WB HEI</p> <ul style="list-style-type: none"> • Catalogue of competencies of future MS students created by May 2017 • Report of each study visit created by May 2017 • 7 equipped labs in the WB region (2 in BA, 2 in XS and 3 in RS) operational by June 2017 • 7 books of courses created by July 2017 • Promotional activities for trainings conducted since August 2017 • Student and staff study visits realized since October 2017 • 420 participants from public sector trained since December 2017 • Report of EU best practices in trainings created by February 2018 • At least 3 staff members per WB HEI selected and 3 different trainings' materials created by February 2018 • Promotional activities for student enrolment conducted since March 2018 • Interim report submitted by April 2018 • External evaluation report by May 2018 • Inter-project coaching report by May 2018 • Master curricula accredited by September 2018 • At least 5 agreements for students' internships signed by October 2018 • At least 10-15 students per WB HEI 	<ul style="list-style-type: none"> • Training evaluation reports • Meeting minutes (16 meetings) • Printed promotional materials and social and digital media marketing • Financial management records • Project documentation on Steering Committee, Project Management Committee and Quality Assurance Committee work • Official correspondance with national Erasmus+ Offices • Official correspondance with EACEA 	
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<p>management and reporting created 8.4 Project correspondence 8.5 Interim and final reports submitted</p>	<p>(20-30 UNI) enrolled by October 2018</p> <ul style="list-style-type: none"> • Implementation of the new master curricula starting from October 2018 • External financial audit report by June 2019 • 37 students' internships realized since July 2019 • One report per term on quality self-evaluation of each master curriculum • One report per training on quality self-evaluation done; • One report per training on quality self-evaluation done and published by August 2019 • Final report submitted by October 2019 		
<p>Activities: <i>What are the key activities to be carried out (grouped in Workpackages) and in what sequence in order to produce the expected results?</i></p> <ul style="list-style-type: none"> • 1.1 Identification of natural disasters to be managed in WB • 1.2 Introduction with established practices in EU countries for NDRM • 1.2 Workshop on master curricula best practices in EU countries • 2.1 Development of aims, specific competencies and learning outcomes of master curricula in WB HEIs • 2.2 Development of courses content and syllabi • 2.3 Training of teaching staff for innovative teaching methods • 2.4 Providing of students' internships positions 	<p>Inputs: <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 costs: 350,700 EUR (Preparation - 134,268 EUR; Development - 24,404 EUR; Quality plan - 27,358 EUR; Dissemination and Exploitation - 65,783 EUR; Management - 98,887 EUR) • Staff time: 3294 days (Preparation - 1185 days; Development - 263 days; Quality plan - 236 days; Dissemination and Exploitation - 786 days; Management - 824 days) • Preparation (Cat1 - 265, Cat2 - 530, Cat3 - 201, Cat4 - 189) • Development (Cat1 - 67, Cat2 - 98, Cat3 - 49, Cat4 - 49) • Quality plan (Cat1 - 66, Cat2 - 69, 		<p>Assumptions, risks and pre-conditions: <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"> • Adequate language skills of WB staff and students to fully participate in transfer of knowledge • Interested and motivated students regarding the risk management of natural disasters • Interest for trainings among public sector • Disfunctionality of bodies responsible for risk management of natural disasters • Recognition of graduate MS students' competences by institutions responsible for risk management of

<ul style="list-style-type: none"> • 2.5 Harmonization of teaching environment with EU best practices and purchasing of laboratory equipment and literature • 3.1 Surveillance of citizens' and public sector awareness regarding natural disasters • 3.2 Study visits and analysis of courses best practices in EU countries • 3.3 Development of trainings' content corresponding educational materials and selection of teaching staff • 4.1 Defining of admission requirements and enrolment of students • 4.2 Implementation of master curricula • 4.3 Implementation of students' internships • 4.4 Implementation of trainings for citizens and public sector • 4.5 Self-evaluation of master curricula • 4.6 Self-evaluation of trainings for citizens and public sector • 5.1 Regular Quality Assurance Committee meetings • 5.2 Development of the quality control plan • 5.3 Conduct external review of the project • 5.4 External financial control • 5.5 Inter-project coaching • 6.1 Creation of the 	<p>Cat3 - 46, Cat4 - 55)</p> <ul style="list-style-type: none"> • Dissemination and Exploitation (Cat1 - 180, Cat2 - 206, Cat3 - 201, Cat4 - 199) • Management (Cat1 - 368, Cat2 - 137, Cat3 - 146, Cat4 - 173) • Equipment: 110x desktop computer and peripherals, 32x laptop, 10x server, 12x projector, 7x interactive whiteboard, 12x multifunction printer, 22x UPS, flipchart table, wireless presenter, software installing and maintenance, literature • Mobilities: 261,785 EUR (Student - 39,605 EUR; Staff - 222,180 EUR) • 329 mobilities: 277 staff; 52 students • Preparation: Staff (WB to EU - 108; EU to EU - 10) • Development: Students (WB to WB - 37) • Quality plan: Staff (WB to EU - 2; EU to WB - 6; WB to WB - 2; EU to EU - 5) • Dissemination and Exploitation: Students (WB to EU - 15), Staff (WB to EU - 21) • Management: Staff (WB to EU - 26; EU to WB - 40; WB to WB - 37; EU to EU - 20) • Special Mobility Strand: 320,461 EUR • 151 mobilities: 106 staff; 45 students • Students (WB to EU - 20; EU to WB - 14; WB to WB - 11) • Staff (WB to EU - 60; EU to WB - 26; WB to WB - 20) • Subcontracting: External expert for 		<p>natural disasters</p>
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<p>dissemination plan for the project</p> <ul style="list-style-type: none"> • 6.2 Development and maintenance of project website and creation of promotional materials and campaigns • 6.3 Promotional activity for student enrolment • 6.4 Promotional activity for trainings • 7.1 Creation of sustainability plan • 7.2 Accreditation of master curricula • 7.3 Realization of student and staff mobilities between WB and EU partners • 8.1 Kick-off meeting • 8.2 Regular Steering Committee and Project Management meetings • 8.3 Development of guidelines on the project management and reporting • 8.4 Day-to-day coordination of project activities • 8.5 Submission of interim and final reports 	<p>project quality evaluation, External expert for financial audit, Design and printing of promotional material - 3800x student guide for master curricula (20 pages per unit), 40000x promotional leaflets for master curricula, 2x roll-up banner, 300x poster, 600x notebook with project logo, 1200x folder with project logo, 1200x pencil with project logo, 3000x project brochure (4 pages per unit)</p>		
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