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Collaborative student project

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Name of the Learning Online Course	Electrical systems of yachts and marinas*
Teacher in charge (Name and surname)	Maja Krčum
Email of Teacher in charge	mkrcum@pfst.hr
Field of study (according to ISCED codes / please choose one)	Field of study is (according to ISCED codes) 05 Natural sciences, mathematics and Statistics, 052 Environment, 0521 Environmental sciences. The students are from natural /technical field of study, but this collaborative project can actually be offered to all students, regardless the field of study.
Short description of the training content and schedule	For this project, students work in groups (3 to 4) and must write a seminar or professional paper. The aim is to gain insight into the state of the environment of individual marinas located near cities. Students need to find out what the quality of the air, the sea, further, whether renewable energy sources are used and where or how to take care of the environment in general in the marinas. Research groups should provide an answer to the extent to which the awareness of environmental protection in the observed area is developed by those who manage such an area as well as the users themselves. An impact response is also expected on the inhabitants of the area, whether certain actions are being taken that contribute to the reduction of harmful gas emissions, clean sea and generally more energy efficient area. The extent to which it develops an awareness of conservation. The aim is to compare and analyse the situation in different conditions and environments and give appropriate recommendations. In doing so, a questionnaire should be compiled that students will offer to users of facilities in marinas as well as to those who manage these marinas. Cooperation among European students opens up the possibility to get to know the different habits and culture of individual cities, university institutions and exchange mutual experiences.
Language of the course	English
Duration of the course (Number of the proposed hours)	15h (face-to-face & online) 2 ECTS / The modalities of collaboration can be set up during a short meeting during January between teachers in charge.



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	<p>It is necessary for teachers to mutually agree on the survey questionnaire and research areas (which marinas they are). The idea could be to set up 2-3 online sessions (duration 1.5 / 2h) between the groups of students. During February, a preparatory meeting of students should be held, and during March, they should conduct research and prepare for the presentation of research results and writing the paper itself.</p>
Approximate timing	<p>February – April 2022.</p> <p>Note the project has been already launched, but groups of students have not yet defined all their article. To my mind, we can find various groups to be interested in this cooperation.</p>
Size of the groups	<p>At least 4 groups of 3-4 students.</p>
Which year of study? (Bachelor level)	<p>3d year Bachelor in technical or natural science, but this collaborative Project can actually be offered to all students, regardless the field of study.</p>
Disciplinary background needed for students to participate	<p>No specific background - Curiosity and willingness to learn from other cultures and preserve your own environment.</p>
IT solution proposed for this lesson	<p>Nothing specific, maybe a proposal to supplement the website of a particular marina, etc. The rest will be determined during the work.</p>
Other additional information that may help to implement a bilateral cooperation	<p>I imagine a meeting with the interested teacher(s) to define our partnership. Organizational meeting between teachers should be during January.</p> <p>After, I believe a first online meeting / teaching between students managed by the teachers should be organized - during the second half of February (within the SEA-EU group).</p> <p>The goal of this meeting should be to define the final subject of the article. The summer semester at the University of Split starts in March and then the work of the research group should be more intensive.</p> <p>Students could exchange to acknowledge themselves. During the March students should exchange and work, without the teachers being present. A second online meeting could be organised by the end of March/beginning of April to check the progress, help the Groups... In this context, they would have time to improve their work by the half of the April, 2022.</p>

** the name of the course where this project should take place, not necessarily name of the student project*