



**BLUE CAREER CENTRE OF EASTERN MEDITERRANEAN AND BLACK SEA  
(MENTOR)**

AGREEMENT NUMBER—EASME/EMFF/2016/1.2.1.2/06/SI2.749365-MENTOR  
“Blue Careers in Europe”

**D3.2 -Description and specifications for the cooperative network of training institutions**

**T3-2 - Development of a cooperative network of training institutions (Start: M3, End: M23)**

Revision: v.1.2

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<b>Task</b>	T3-2 - Development of a cooperative network of training institutions
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<b>Abstract</b>	D3.2 has been developed by all the partners within WP3 in an effort to develop a cooperative network facilitating students to access blue courses from a multitude of different training centres in Eastern Mediterranean & Black Sea with curricula related to maritime transport, tourism, aquaculture, oil & gas. Description and specifications for this cooperative network are given In D3.2, as well as the actions for its development.
<b>Keywords</b>	Mobility, cooperative network, blue courses, maritime transport, tourism, aquaculture, oil & gas, Eastern Mediterranean & Black

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## **EXECUTIVE SUMMARY**

D3.2 has been developed by all the partners within WP3 in an effort to develop a cooperative network facilitating students to access courses and educational material from a multitude of different training centres in Eastern Mediterranean & Black Sea with curricula related to maritime transport, tourism, aquaculture, oil & gas. Description and specifications for this network are given in Deliverable 3.2. The cooperative network is a cluster of knowledge that could consist of staffing educational institutions interested in the blue growth (BG) of the Eastern Mediterranean & Black Sea, the cooperation of training centers and the mobility of students for blue courses between countries in this region. Specifically, a platform was developed for each BG sector of the Mentor project, i.e. maritime transport, tourism, aquaculture, oil & gas. Each platform includes institutions of the four Mentor countries that already have inter-institutional agreements and similar programmes of studies. Blue undergraduate courses offered in English were identified for motivating mobility between countries. Contact persons related to these courses were recorded for developing a cooperative platform in each sector. Collaboration in these platforms may lead to common career skills for blue professionals of each sector. Joint actions of platforms in the frame of the cooperative network will be helpful for the development of blue economy of the region, such as promoting mobility between different sectors.



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## 1. INTRODUCTION

This document is developed as part of MENTOR (Blue Career Centre of Eastern Mediterranean and Black Sea) project, which is partially funded under the EASME project MENTOR, Grant Agreement EASME/EMFF/2016/1.2.1.2/06/SI2.749365-MENTOR.

Deliverable D3.2 **“Description and specifications for the cooperative network of training institutions”** corresponds to the Task T3-2 **“Development of a cooperative network of training institutions”** of Work package 3 (WP3).

The objectives of WP3 intend:

- To facilitate the mobility of professionals currently employed in the blue economy to other maritime jobs.
- To promote the mobility of students and staff within the region.
- To develop a cooperative network of training institutions that will facilitate the development of common training standards for blue professionals.
- To develop harmonised requirements for maritime professional training focusing on practice.
- To submit 1 joint application for an EU funded project.

The main objective of T3-2 is to develop a cooperative cluster of knowledge, in the form of a cooperative network, between different training institutions. The developed network could also offer students the possibility to access courses and educational material from a multitude of different training centres. Another function of this network would be the cooperative development of common training standards between different training institutions, for example by identifying commonly used career skills that are necessary for blue professionals, as identified in T3.1.

After this introduction, the structure of D3.2 is organized in the following sections:

- Description of the cooperative network of training institutions.
- Specifications for the cooperative network of training institutions.
- Actions for the development of the cooperative network of training institutions.
- ANNEX 1

## 2. SECOND CHAPTER

### 2.1. Description of the cooperative network of training institutions

The cooperative network is a cluster of knowledge that could consist of the personnel of the educational institutions interested in:

- the blue growth (BG) of Eastern Mediterranean & Black Sea,
- the cooperation of training centers in the region, and
- promoting the mobility of students for blue courses between countries in this region.

### 2.2. Specifications for the cooperative network of training institutions

The cooperative network of training institutions should have the following specifications:

- A distinct platform that should be developed for each BG sector i.e. maritime transport, tourism, aquaculture, oil & gas.
- Each BG platform may include personnel of training centres from Eastern Mediterranean & Black Sea with Inter-institutional Agreements.
- The staff could be key persons such as:
  - Rectors, Deans, Head of Departments, Directors of Laboratories and other scientific personnel, which could promote the actions of Mentor project and Blue Career Center.
  - Staff of Erasmus and Public Relations offices, as well as responsible persons of Erasmus inter-institutional agreements of each Faculty/Department.
  - Professors of courses related to each BG sector and preferentially those teaching blue courses in English, showing their interest in the students' mobility.
- Contact details of the aforementioned persons should be recorded and updated.
- Members of each platform should cooperate towards common career skills for blue professionals of each BG sector.
- Platforms could undertake joint actions in the frame of blue economy, as promoting mobility between different BG sectors, submitting proposals, etc.

## 2.3. Actions for the development of the cooperative network of training institutions

### *2.3.1. Current actions for the development of the cooperative network of training institutions*

The training and educational institutions of the four MENTOR countries with inter-institutional agreements and a vision for external cooperation and regional collaboration have been distinguished by sector and formed the basis of each platform.

Information that has been gathered until now is given in the ANNEX 1 (excel), separately for each BG sector, i.e. maritime transport, tourism, aquaculture, oil & gas (different worksheets).

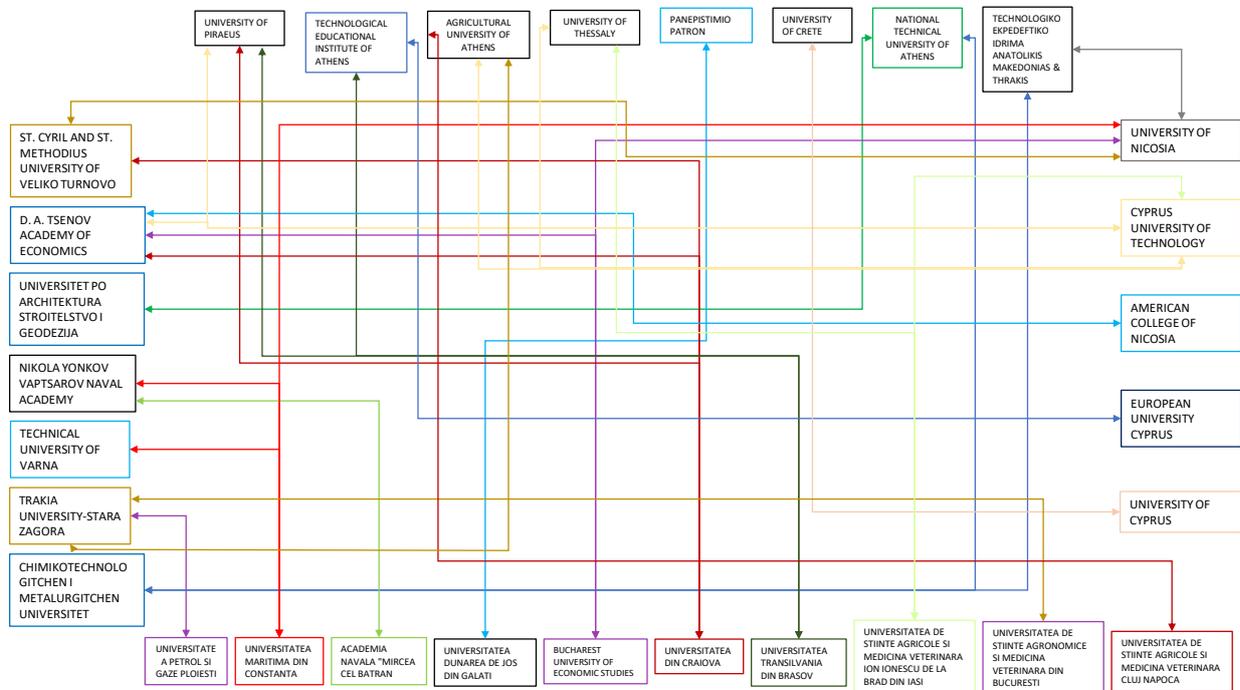
The Faculty/Department of each University (column G) was listed according to the programme of studies (column H) and the titles of courses relevant to each BG sector were noted (column F).

The partners of each University/Faculty/Department were investigated (column K). The field of education and training for the inter-institutional agreements (column L) was explored in order to distinguish “blue co-operations” by sector, as far as feasible from web site data and personal contacts (e-mails, phones) and selected institutions were presented. The course catalogue for incoming students (column M) of each institution was studied in order to identify “blue courses” taught in English (column N) or another language that facilitates student mobility.

Contact details have been recorded for persons that have a key role in institution management and decision-making. An effort has been made to identify professors with a field of interest in each BG sector, particularly those who teach blue courses in English or those responsible for external relationships.

Despite the difficulties of collecting information in some Universities, the initial structure of the cooperative network could be created as described below in 2.3.2.

### 2.3.2. Structure of the cooperative network of training institutions



**Figure 1.** Structure of the cooperative network of training institutions in the Mentror Countries.

The current cooperative network consists of 30 training institutions from Bulgaria, Cyprus, Greece and Romania (Fig. 1), including 32 inter–institutional agreements. Most of the involved Institutions are related to Tourism and Aquaculture, as it is shown in Fig. 2 and 3, respectively, whereas less participate in Maritime transport (Fig.4) and Oil & Gass (Fig.5) platforms. Specifically:

- 11 institutions participate in the Tourism platform with 14 bilateral agreements.
- 10 institutions participate in the Aquaculture platform with 9 bilateral agreements.
- 8 institutions participate In the platform of Maritime transport with 5 bilateral agreements.
- 6 institutions participate in the platform of Oil & Gas with 4 bilateral agreements.

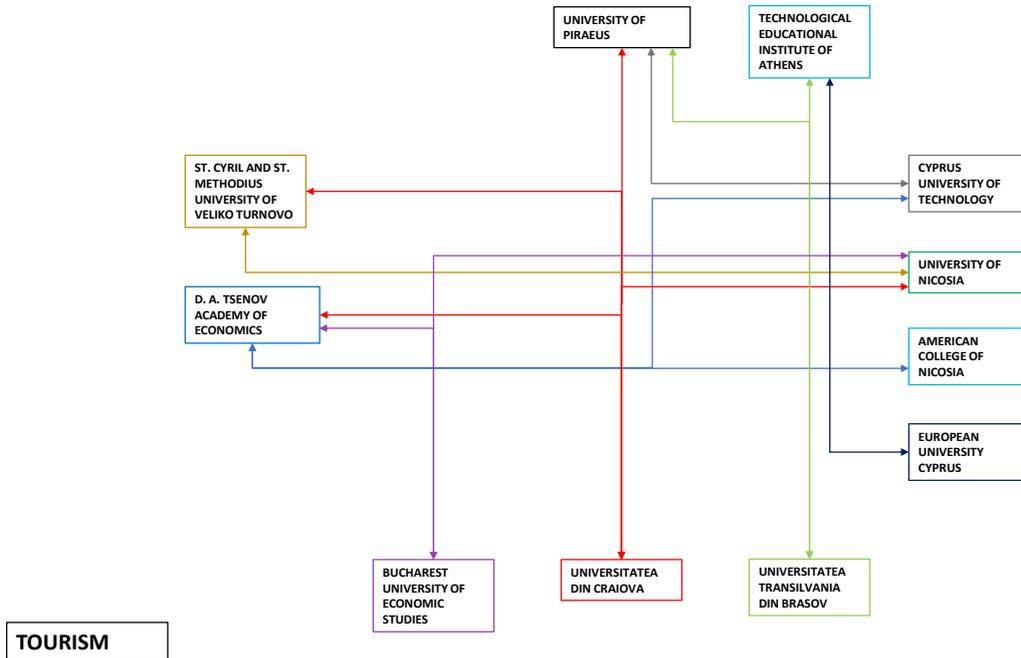


Figure 2. Structure of the Tourism platform of training institutions.

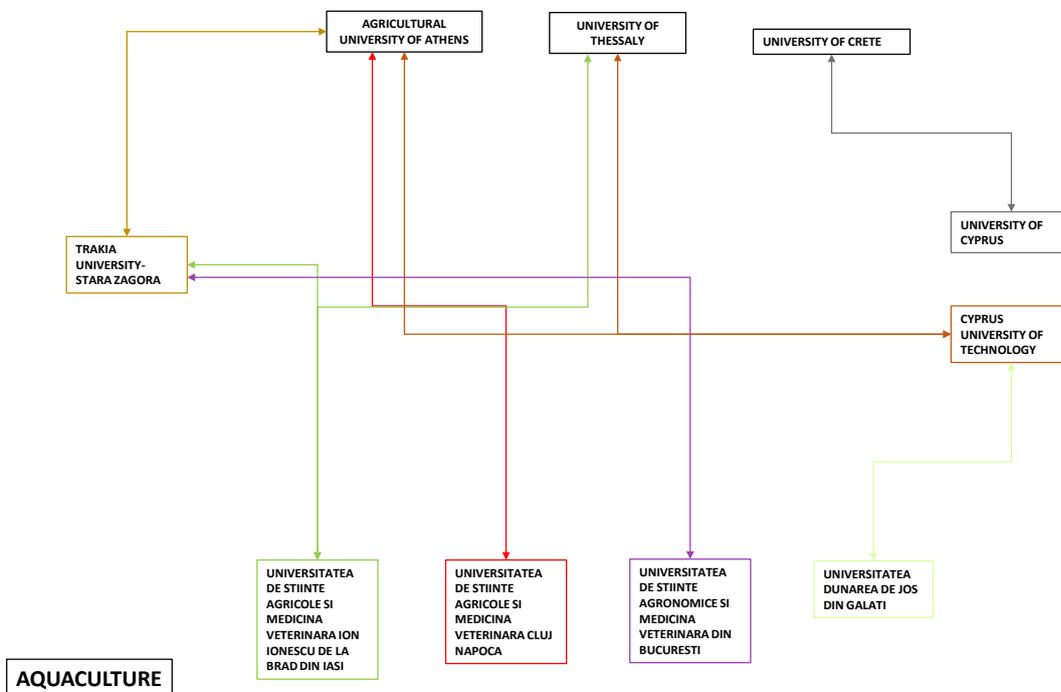


Figure 3. Structure of the Aquaculture platform of training institutions.

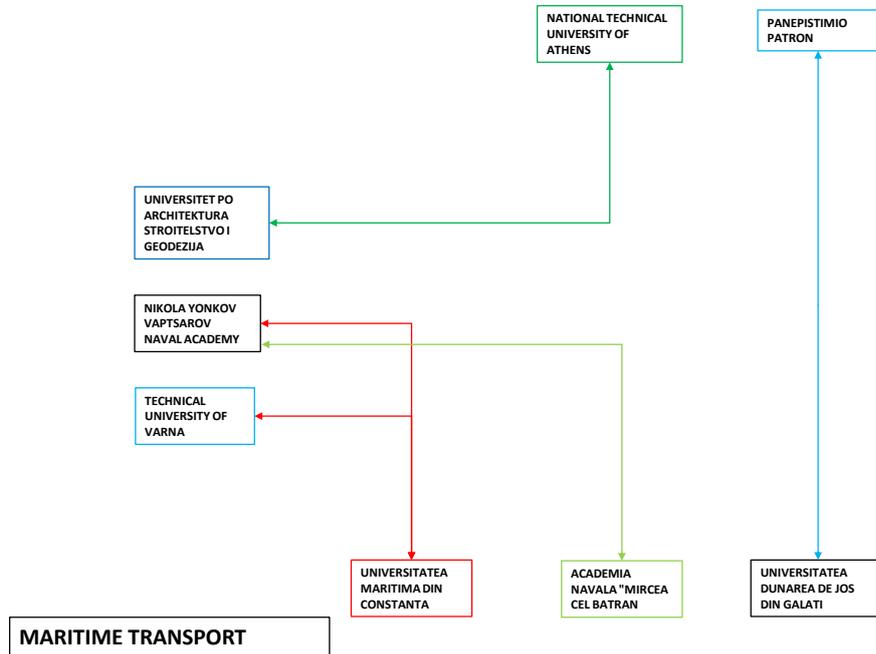


Figure 4. Structure of the Maritime transport platform of training institutions.

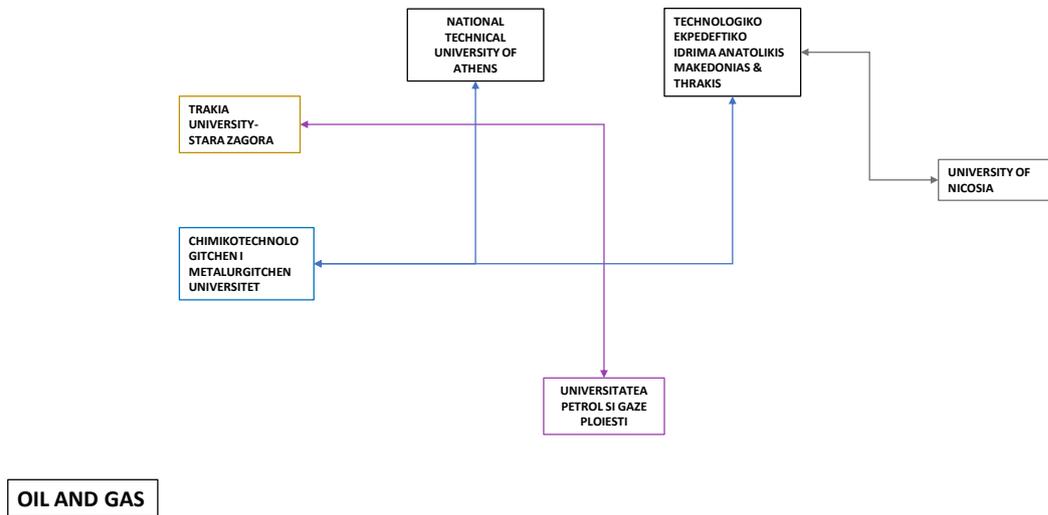


Figure 5. Structure of the Oil & Gas platform of training institutions.

### *2.3.3. Future actions for the development of the cooperative network of training institutions*

List of future actions:

- Further investigation on blue courses and contact details of key persons per institution.
- Development of a “Network” in the website of the MENTOR project that will contain names, contact details and small description of the studies for each institution, as well as of the blue courses, especially those taught in English.
- Correspondence with the institutions of the “Network” urging them to share information about their educational material, programs and events in the MENTOR website in order to promote learning opportunities, student mobility and blue career prospects.
- Prompt the members of the BG platforms to define common career skills that are necessary for blue professionals and request the responsible national authority to certify training centers according to the EU level of qualifications and the subject of blue career fields.

The formation of the cooperative network through the MENTOR project aims to a future development of regional cooperation in education, training, research, consultancy and reform in Eastern Mediterranean and Black Sea in the frame of blue growth.

## **3. ANNEX 1**

Information on each institution of the cooperative network of Mentor project is given by sector, i.e. maritime transport, tourism, aquaculture, oil & gas.

