

**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”

D3.3 - Framework for promoting the mobility of students and staff within the region

T3-3 - Promote the mobility of students and staff within the region (Start: M3, End: M23)

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Abstract	<p>D3.3 has been developed by all the partners within WP3 with the objective of the mobility of students and staff in the region. The purpose of the mobility in the region is to share knowledge and experience regarding different aspects of the blue economy. In addition, the goal is to inform and facilitate the procedures for mobility of students and blue professionals not only between different regional areas but also between the different sectors of the blue economy (selected MEAs). This task is mainly based on the possibilities of mobility of ERASMUS projects within the region, in the cases of under graduate and/or MSC courses and the cases of post graduate students and professionals, in order to support them, to travel and work as interns in different occupations. As a result, a “Mobility e- tool” was created aiming to guide and facilitate the mobility of students and staff between the four countries. Within the objective of the Task, mobility of 39 students and 26 staff members has been established mainly through Career Fairs in the Mentor countries, in order to exchange experiences of the Blue Career prospects in the Region.</p>
Keywords	Mobility, cooperative network, blue courses, blue Career Fairs, maritime transport, tourism, aquaculture, oil & gas, Eastern Mediterranean & Black Sea

Disclaimer

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EXECUTIVE SUMMARY

The purpose of the mobility in the region is to share experience regarding different aspects of the blue economy. In addition, the goal is to inform and facilitate the procedures for mobility of students and blue professionals not only between different regional areas, but also between the different sectors of the blue economy (selected MEAs). This task is mainly based on experience gained through ERASMUS projects for under graduates and MSc courses for post-graduates and professionals, in the four participating countries in order to support students to travel and work as interns in different occupations. As a result, a “Mobility e- tool” was created aiming to facilitate the mobility of students and staff in the region and the four MEAs. Within the objective of the Task, the mobility of 39 students and 26 staff has been established in the region mainly through Career Fairs between the Mentor countries. Specifically, the mobility of students was organized between Bulgaria and Romania as well as between Cyprus and Greece. The objective of this activity was to exchange experience, to become aware of the educational and training opportunities offered by the partner’s universities and allow further collaboration in the fields of students’ mobility. This report encompasses all activities regarding the planning and performing of the task.



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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 D3.3 “**Framework for promoting the mobility of students and staff within the region**” corresponds to the Task T3-3 “**Promote the mobility of students and staff within the region**” 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 in 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.

In coordination with Task 3.1, this Task will promote the mobility of students and blue professionals not only between different regional areas but also between the different sectors of the blue economy (selected MEAs). A program based on experience gained through ERASMUS projects will support students to travel and work as interns in different occupations. In particular, **the objective of this Task is to promote the mobility of 30 students and 6 staff members within the region.**

After this introduction, the structure of D3.3 is organized in the following sections:

- Identify on-going projects funded by ERASMUS that are related to our key BG (Blue Growth) sectors in the four participating countries.
- Development of a mobility e-tool for students and professionals in order to facilitate the choice of mobility in the Blue Sectors.
- Mobility of students and staff within the region.

- ANNEX I
- ANNEX II

2. MAIN PART

2.1. Identify on-going projects funded by ERASMUS in BG sectors in the four participating countries

Mobility can be accomplished in all educational levels (school students, university students, post graduates). However, we have identified barriers to students and staff mobility as described in D3.1. In an effort to overcome some difficulties and promote the sharing of experience within the Blues Sectors in different countries, the available ERASMUS network has been used as the baseline for student and staff mobility. Currently there are 30 training institutions from Bulgaria, Cyprus, Greece and Romania, with 32 inter-institutional agreements for Erasmus+ projects presented in this network (Fig. 1). Most of the involved Institutions are related to Tourism and Aquaculture, whereas fewer ones concern the Maritime transport and Offshore Oil & Gas as described in detail in Deliverables D.3.1 and D.3.2.

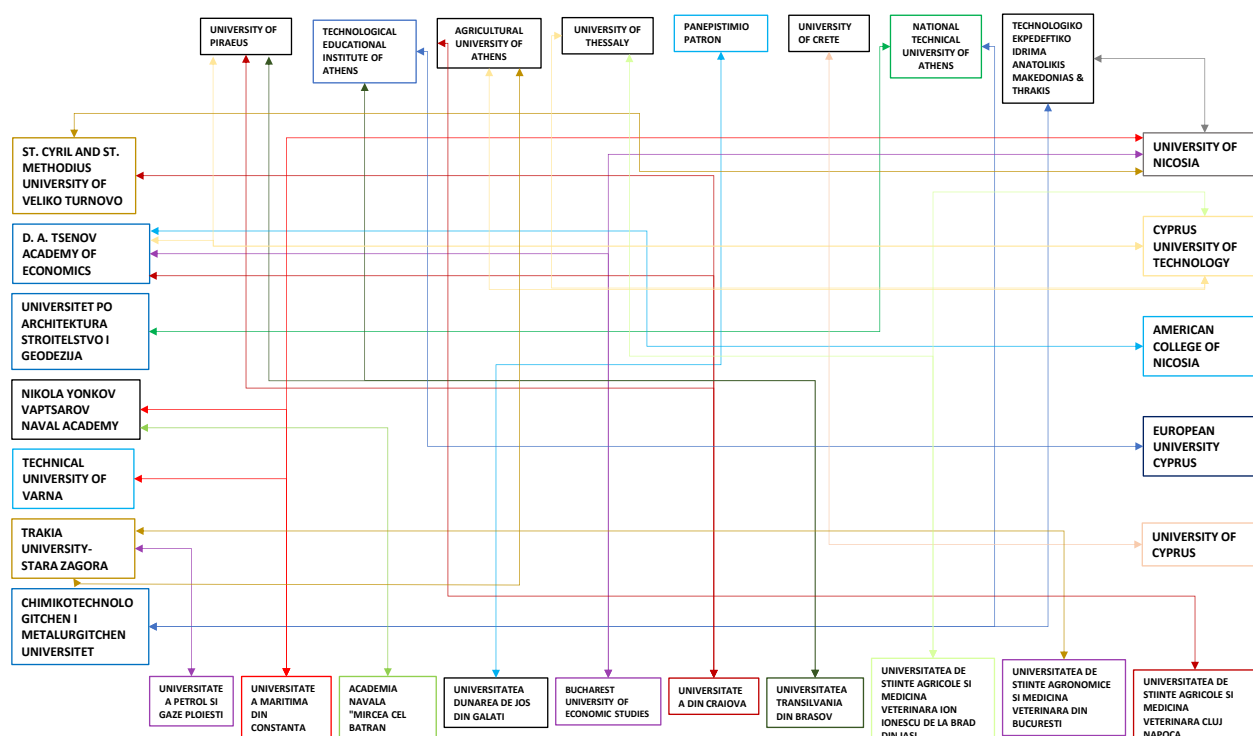


Figure 1. Structure of the cooperative network of training institutions in the Mentor Countries.

In order to facilitate the mobility of students and staff within the region a “Mobility e-tool” has been designed, with the aim of guiding each Mentoree to select the appropriate Blue courses in a few easy steps. In the “mobility e-tool” database, the available on-going projects funded by ERASMUS that are related to our key BG sectors in the four participating countries, have been introduced. Moreover, the available MSc programs related to BG sectors in the MENTOR participating countries have been identified and added to the e-tool database. This database aims to promote the mobility in a higher educational level, not only between countries but also between different BG sectors. The detailed catalogue of all available Blue studies in MENTOR participating countries, is presented in deliverable D2.5. “Catalogue of the training/educational centres of the MEA of Shipping, Aquaculture, Cruise Tourism, Offshore Oil and Gas”.

2.2. Specifications for the “Mobility e-tool”.

Within this Task the available contact details have been recorded for persons that have a key role in institution management and decision-making. In most cases professors with a field of interest in each BG sector have been identified, as well as the available blue courses in English. Wherever personal communication has been established, more details regarding the selected courses have been collected and have enriched the database. Specifically, the available information is:

- Name and address of the Institution
- Identification of the responsible contact person
- Identification of the teaching Professor with contact details
- Identification of courses in English
- Small description of the studies for course

In addition, in order to facilitate graduates or professionals to specialize or retrain in a Blue career specialization, we have identified the available MSc of each University related to BG sectors, that participate in the Framework. These data have been incorporated into the same database. Respectively the contact information and relative details have been recorded.

All data have been introduced into a platform, and an e-tool has been developed allowing any Mentoree to get all the information required in a few easy steps.

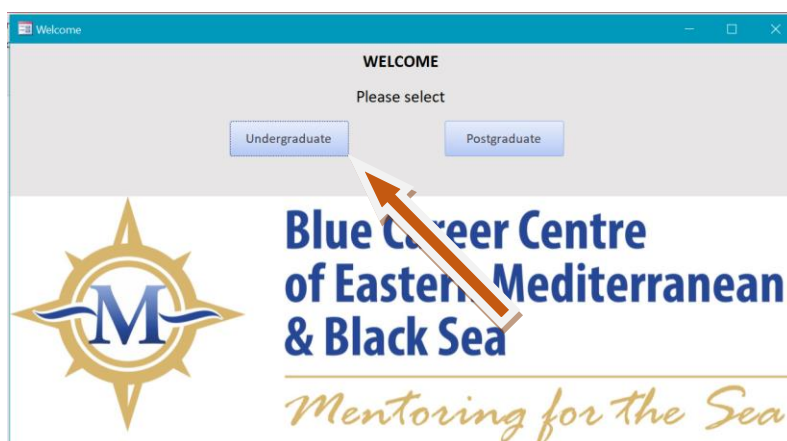
2.3. Structure of the “Mobility e-tool”

The main objective of the mobility e-tool, is to give each Mentoree all available information regarding each Blue Sector in the four participating countries, in a fast and simple procedure. All information collected will be available, so the Mentoree, under graduate, post graduate or professional can choose a course, according to his personal educational profile, that will lead him to a Blue Profession within the region. The e-tool developed, is currently focused for a blue career in the area of Erasmus inter-institutional agreements in the East Mediterranean & Black Sea.

Simple steps have been introduced, for the use of the mobility e-tool as shown in the example below.

2.3.1. Case 1-Undergraduate student

Step 1-Choose the personal educational level.



Step 2. Select the desired field of studies and University of Origin.



Step 3- View results for the selected fields.

ORGANISATION NAME	COUNTRY	CITY	STUDY FIELD
TRAKIYSKI UNIVERSITET (TRAKIA UNIVERSITY)	Bulgaria	STARA ZAGORA	Aquaculture

Step 4. View the available details for the selected Institution.

Institution Details	
Institution Name	TRAKIYSKI UNIVERSITET (TRAKIA UNIVERSITY)
Country	Bulgaria
Address	STUDENTS CAMPUS RECTORAT, 6000, STARA ZAGORA
Faculty/department responsible for the courses	Department of Biology and Aquaculture
Study Field	Aquaculture
Program of Studies	uni-sz.bg/кандидати/магистър/специалности-и-програми
Website (Erasmus)	http://uni-sz.bg/обучение/мобилности-2/програма-еразм/образователна-мобилност-за-20142015-r
e-mail (Erasmus)	vgadjeva@mf.uni-sz.bg
List of partner institutions (webpage)	http://uni-sz.bg/wp-content/uploads/truni/file/Dogovori_Erasmus_obshto_2017-2018(1).pdf
Course catalogue for incoming students	N/A Online
Blue Courses in English	N/A Online

Step 5-View the available courses.

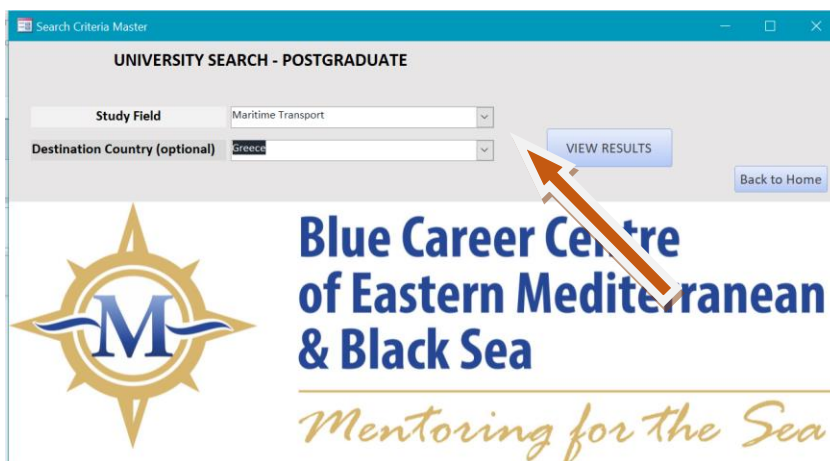


2.3.2. Case 2- Post-graduate student or Professional

Step 1-Choose the personal educational level.



Step 2. Select the desired field of studies and destination country.



Step 3- View results for the selected fields.



Step 4. View the available details for the selected Institution.

Institution Details	
Institution Name	NATIONAL TECHNICAL UNIVERSITY OF ATHENS - NTUA
Country	Greece
Address	HEROON POLYTECHNIU 9 ZOGRAPHOU CAMPUS, 15780, ATHINA
Faculty responsible for the courses	School of Naval Architecture and Marine Engineering
Department responsible for the courses	
Study Field	Maritime Transport
Post Graduate Program Website	https://www.ntua.gr/en/schools/item/8-school-of-naval-architecture-and-marine-engineering
Master url	http://www.naval.ntua.gr/postgraduate_courses

2.4. Prospects of the “Mobility e-tool”

The formation of the cooperative network through the MENTOR project aims to the development of regional cooperation in the areas of education, training, research, consultancy and reform for promoting Blue Growth in the Eastern Mediterranean and Black Sea.

Future actions include:

- Constantly update the available database by including new inter-institutional agreements.
- Enrich the database with the available MSc for graduates, beyond the Erasmus network within the region.
- Further investigation on blue courses and contact details of key persons per institution in order to provide more information on the courses.
- Upload the “Mobility e-tool” to MENTOR website.
- Link this “Mobility e-tool” to University websites and other relative websites.

2.5. Mobility of students and staff

In the framework of the MENTOR Project, staff and student mobility was performed as described in Annex I. Specifically, 26 staff members visited another project country and

participated in its Career Fair as well as in the discussions that took place regarding the professions, skills and qualifications needed in the 4 selected Blue Growth sectors. During these visits, staff members had the opportunity to visit the premises of the host Institution and provide career guidance for the respective Sector as well as engage in discussions with the invited professionals.

Through the support of MCB and CMU, eleven Bulgarian students visited the Constanta Maritime University and sixteen Romanian students visited MCB and the Naval Academy. With the support of the Cyprus Chamber of Commerce & Industry five Cypriot students visited the Agricultural University of Athens and five Greek students visited the University of Cyprus, participating at the Career Fairs organized by AUA, NTUA and UOC respectively. With the support of NTUA one student was mobilized to Varna and Constanta. The aim of mobility through participation in Blue Career Fairs is to be informed about the possibilities of a blue Career in each country, to meet professionals and stakeholders of the four MEAs in each Mentor country as well as to obtain information on the available infrastructure of the educational Institutions. The objective of this activity was to raise awareness among students regarding the mobility opportunities for education and training offered by the partner universities.

2.5.1. Visits in Bulgaria

Three staff members and one student had the opportunity to visit Varna in the context of the 1st Blue Career Fair in Bulgaria (31-1-218). During the 2nd Career Fair in Varna, MCB hosted the CMU students in Varna on the 15th and 16th of November (2018). Sixteen Romanian students participated in the Career Fair in Varna on the 15th of November. After the career fair they had the opportunity for networking and for exchange of information and experiences regarding internships. On the 16th of November the group of Romanian students and staff visited the Naval Academy in Varna, the oldest technical school in Bulgaria, which nowadays has modern training simulators. Students were interested in the 3D advanced oil spill recovery and onboard fire training simulator. Four staff members also participated in the 2nd Career Fair in Varna and the events organized by MCB.

2.5.2. Visits in Romania

Seven staff members, as well as, eleven students from Bulgaria and one student from Greece had the opportunity to visit Constanta in the context of the 2nd Blue Career Fair in Romania on the 19th of October (2018) at the CMU premises.

According to the agenda, the group visited the Constanta Maritime University on the 18th of October. They visited the training simulators and obtained detailed information on the capabilities of those facilities. They were also informed that courses on Dynamic Positioning are offered to professionals for the offshore oil & gas sector in the region and Bulgarians are enrolled in those courses.

Furthermore, the group of students had a networking session with the Romanian students, sharing experience and discussing about the opportunities of onboard internship and starting a career in the shipping sector.

2.5.3. Visits in Greece

Two staff members had the opportunity to visit the premises of NTUA, during the 1st Blue Career Fair in Greece that was held on 5th of December (2017) in the Multimedia Centre of the central Library of NTUA. On the 30th of November (2018), three staff members had the opportunity to visit the premises of AUA, with the opportunity of the 2nd Blue Career Fair in Greece that was held at the Conference Centre Auditorium of the Agricultural University of Athens. During this venue five students from Cyprus (1 undergraduate and four post graduates) had the opportunity to meet professional of the Blue sectors and to exchange experiences with Greek students of NTUA and AUA. During the Fair, staff members visited the laboratory of Applied Hydrobiology. Finally, two staff members of Cyprus visited NTUA in the context of a Pilot Seminar on Soft Skills.

2.5.2. Visits in Cyprus

On the 20.7.2018, three staff members visited UCY, in a workshop entitled “The MENTOR project & Other Blue Initiatives in Cyprus” where different aspects of the MENTOR project were

presented. Two staff members have visited University of Cyprus in Nicosia and the Municipal Theatre of Larnaca, during the 2nd Blue Career Fair in Cyprus (11-12-2018). Five students from Greece, two from NTUA and three from AUA have participated at this event. During their stay, they had the opportunity of visiting the premises of University of Cyprus and exchange experiences with Cypriot students. During the 2nd Blue Career Fair they met stakeholders and professionals working in Blue Sectors in Cyprus.

In total, 26 staff members and 39 students were mobilized within the context of Mentor project overcoming the target of 6 staff and 30 students described in the project.

All details of staff mobility are described in ANNEX I whereas all student mobility in ANNEX II.

The details and the contact information of each mobilized member are described in detail in the following deliverables, where photos from the events are also included:

D2.4.1 Report and assessment of the effectiveness of the first Blue Career Fair – Greece

D2.4.2 Report and assessment of the effectiveness of the first Blue Career Fair – Cyprus

D2.4.3 Report and assessment of the effectiveness of the first Blue Career Fair – Bulgaria [MCB, M12]

D2.4.4 Report and assessment of the effectiveness of the first Blue Career Fair – Romania [CMU, M12]

D2.4.5 Report and assessment of the effectiveness of the second Blue Career Fair – Greece [NTUA, M23]

D2.4.6 Report and assessment of the effectiveness of the second Blue Career Fair – Cyprus [Mar.In.E.M., M23]

D2.4.7 Report and assessment of the effectiveness of the second Blue Career Fair – Bulgaria [MCB, M23]

D2.4.8 Report and assessment of the effectiveness of the second Blue Career Fair – Romania [CMU, M23]



3. ANNEX I

STAFF MOBILITY

DATES	MOBILITY	PERSONNEL	VENUE
5.12.2017	CYPRUS TO GREECE	GEORGIOS GEORGIU, UCY	NTUA, 1 ST BLUE CAREER FAIR IN GREECE
5.12.2017	CYPRUS TO GREECE	ZACHARIAS SIOKOUIROS, MARINEM	NTUA, 1 ST BLUE CAREER FAIR IN GREECE
31.1.2018	GREECE TO BULGARIA	HELEN MILIOU, AUA	VARNA, 1 ST BLUE CAREER FAIR IN BULGARIA
31.1.2018	GREECE TO BULGARIA	NIKOLAOS VENTIKOS, NTUA	VARNA, 1 ST BLUE CAREER FAIR IN BULGARIA
31.1.2018	GREECE TO BULGARIA	GEORGE TRIANTAPHYLLIDES, MARINEM	VARNA, 1 ST BLUE CAREER FAIR IN BULGARIA
20.7.2018	GREECE TO CYPRUS	NIKOLAOS VENTIKOS, NTUA	UCY, THE MENTOR PROJECT & OTHER BLUE INITIATIVES IN CYPRUS
20.7.2018	BULGARIA TO CYPRUS	ILZE ATANASOVA, MCB	UCY, THE MENTOR PROJECT & OTHER BLUE INITIATIVES IN CYPRUS
20.7.2018	GREECE TO CYPRUS	GEORGE TRIANTAPHYLLIDES, MARINEM	UCY, THE MENTOR PROJECT & OTHER BLUE INITIATIVES IN CYPRUS
19.10.2018	GREECE TO ROMANIA	NIKOLAOS VENTIKOS, NTUA	CMU, 2 ND BLUE CAREER FAIR IN ROMANIA
19.10.2018	GREECE TO ROMANIA	EVI CHATZOGLOU, AUA	CMU, 2 ND BLUE CAREER FAIR IN ROMANIA
19.10.2018	BULGARIA TO ROMANIA	VALENTIN ZLATEV, MCB	CMU, 2 ND BLUE CAREER FAIR IN ROMANIA



19.10.2018	BULGARIA TO ROMANIA	SIYANA ANGELOVA, MCB	CMU, 2ND BLUE CAREER FAIR IN ROMANIA
19.10.2018	CYPRUS TO ROMANIA	GEORGIOS GEORGIU, UCY	CMU, 2ND BLUE CAREER FAIR IN ROMANIA
19.10.2018	CYPRUS TO ROMANIA	ANASTASIOS MATSIKARIS, UCY	CMU, 2ND BLUE CAREER FAIR IN ROMANIA
19.10.2018	CYPRUS TO ROMANIA	SOFIA MARAGKIDOU, MARINEM	CMU, 2ND BLUE CAREER FAIR IN ROMANIA
15-16.11.2018	ROMANIA TO BULGARIA	MIRCEA GEORGESCU, CMU	2ND BLUE CAREER FAIR IN BULGARIA, NIKOLA VAPTSAROV NAVAL ACADEMY, VARNA
15-16.11.2018	ROMANIA TO BULGARIA	NICOLETA ACOMI, CMU	2ND BLUE CAREER FAIR IN BULGARIA, NIKOLA VAPTSAROV NAVAL ACADEMY, VARNA
15-16.11.2018	ROMANIA TO BULGARIA	GEORGIANA STINGA VIORELA, CMU	2ND BLUE CAREER FAIR IN BULGARIA, NIKOLA VAPTSAROV NAVAL ACADEMY, VARNA
15-16.11.2018	ROMANIA TO BULGARIA	COSTEL STANCA, CMU	2ND BLUE CAREER FAIR IN BULGARIA, NIKOLA VAPTSAROV NAVAL ACADEMY, VARNA
30.11.2018	CYPRUS TO GREECE	ZACHARIAS SIOKOUROS, MARINEM	AUA, 2ND BLUE CAREER FAIR IN GREECE
30.11.2018	BULGARIA TO GREECE	GENKA RAFAILOVA, MCB	AUA, 2ND BLUE CAREER FAIR IN GREECE
30.11.2018	ROMANIA TO GREECE	NICOLETA ACOMI, CMU	AUA, 2ND BLUE CAREER FAIR IN GREECE
11.12.2018	GREECE TO	NIKOLAOS VENTIKOS, NTUA	UNIVERSITY OF CYPRUS, 2ND BLUE



	CYPRUS		CAREER FAIR IN CYPRUS
13.12.2018	BULGARIA TO CYPRUS	GENKA RAFAILOVA, MCB	MUNICIPAL THEATRE OF LARNAKA, 2ND BLUE CAREER FAIR IN CYPRUS
17.1.2019	CYPRUS TO GREECE	GEORGIOS GEORGIU, UCY	NTUA, PILOT SEMINAR ON SOFT SKILLS
17.1.2019	CYPRUS TO GREECE	ANASTASIOS MATSIKARIS, UCY	NTUA, PILOT SEMINAR ON SOFT SKILLS

4. ANNEX II STUDENT MOBILITY

Date	Name	Affiliation	Venue
31.1.2018	Eirini Stamatopoulou	Ph.D. Candidate, NTUA	1 st Blue Career Fair in Bulgaria, Varna
19.10.2018	Eirini Stamatopoulou	Ph.D. Candidate, NTUA	2 nd Blue Career Fair in Romania, Constanta Maritime University, Constanta
	Yordan Denev	Ph.D. Candidate TU-Varna	
	Aleks Dimitrov	Naval Academy	
	Nikolay Dobrev	Naval Academy	
	Viktoria Ivanova	Naval Academy	
	Gloria Pavlova	Naval Academy	
	Ivan Ivanov	TU-Varna	
	Christos Stamoulis	TU-Varna	
	Elena Popcheva	TU-Varna	
	Grozdenka Yordanova	TU-Varna	
	Kristina Dimitrova	College of Tourism	
Biatris Makaryeva	College of Tourism		
15.11.2018	Amzărescu Mihnea-Mihai	CMU student	2 nd Blue Career Fair in Bulgaria, Varna
	Ionaşcu Elena		
	Ilie Ana-Lavinia		
	Iancu Roxana Elena		
	Popa Alexandru		
	Raicu Mihai		
	Piricleanu George Radu		
	Pîrjol Nicoleta Lorena		



	Cojanu Alexandru		
	Barbu Aurel		
	Muşat Teodor		
	Pascu Adrian		
	Titov Alexandru		
	Munteanu Nicolae		
	Nicolescu Vlad		
	Paltenie Andrei		
30.11.2018	Charalambos Frantzis	PhD Student, UCY	AUA, 2 nd Blue Career Fair in Greece
	Andreas Demou	PhD student, UCY	
	Eirini Tsagkodimitropoulou	Undergraduate student, UCY	
	Rafaela Peratikou	Master student, Cyprus University of Technology	
	Anna Maria Charalambous	Master student, Cyprus University of Technology	
11.12.2018	Anastasia Christofi	Under-graduate Student, AUA	UCY, 2 ND Blue Career Fair in Cyprus, Nicosia
	Kassandra-Ioanna Kousouli	Undergraduate Student, AUA	
	Panagiotis Sotiralis	Ph.D. Candidate, NTUA	
	Eirini-Asimina Stamatopoulou	Ph.D. Candidate, NTUA	
	Christina Zantioti	Post-graduate Student, AUA	