MENTOR: Economic impact of Blue Growth

Call for Proposals EASME/EMFF/2016/1.2.1.2: "Blue Careers in Europe“
Proposal N° EASME/EMFF/2016/1.2.1.2/002

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• Duration: 24 months (1/3/2017-28/2/2019)
• Total cost: 689,762€
  [EC financial contribution: 551,810€ (80%)]
• 7 partners, 4 countries participating
Partners

1. University of Cyprus (UCY) Cyprus
3. Cyprus Chamber of Commerce and Industry (CCCI) Cyprus
4. National Technical University of Athens (NTUA) Greece
5. Agricultural University of Athens (AUA) Greece
6. Marine Cluster Bulgaria (MCB) Bulgaria
7. Constanta Maritime University (CMU) Romania
4 observers

- Istanbul Technical University
- Al-Manar University of Tripoli
- Jordan Academy for Maritime Studies
- Arab Academy for Science, Technology and Maritime Transport
Blue Career Center - Motivation

- **Base:** Cyprus
- **Representations:** Greece, Bulgaria, Romania
- **Observers:** Egypt, Jordan, Lebanon, Turkey

**Aim:**

- to provide prospects for young jobseekers in blue economy
- to support businesses in finding the right staff with proper qualifications.

The Blue Career Centre will:

- Attract higher education graduates or persons with vocational/technical qualifications for maritime professions through targeted and innovative education and/or training initiatives (including career guidance);
- Offer mentoring and career guidance to students (age 15-18) for Key Blue sectors of the region;
- Re-train and up-skill workers employed in other sectors and/or people currently unemployed for a job in the blue economy;
- Expand the skills of people currently employed in the blue economy to progress in their careers and/or to facilitate their mobility to other maritime jobs.
Important Blue Economy Sectors

**Marine and Maritime Economic Activities (MEAs)** as of strategic importance in the EM & BS region:

1. **Maritime Transport** (i.e. shipping, ports, shipbuilding and ship-repairs)

2. **Cruise Tourism**

3. **Marine Aquaculture** (mainly in the EM)

4. **Offshore oil and gas**
Work Packages

**WP1:** Project management  *OC-UCY*  

**WP2:** Developing re-training skills for blue professionals  *NTUA*  

**WP3:** Promoting mobility and cooperation in East Med and Black Sea  *AUA*  

**WP4:** Establishment of Blue Career Centre (BCC) of East Med-Black Sea  *Mar.In.E.M.*  

**WP5:** Dissemination activities  *MCB*  

Expected Results

1. Establishment of the Blue Career Centre Secretariat in Cyprus with representations in Greece, Bulgaria and Romania, which may later extend to other countries in the area.  
   - 1 Secretariat, 3 representations

2. Mapping of the provided maritime education and training in the EM and BS region, including availability of infrastructure.  
   - 4 catalogues (CY, GR, BG, RO)

3. Development of re-training schemes for blue professionals in the maritime sector, fisheries and offshore oil and gas.  
   - 4 re-training seminars

4. Mentoring and career guidance to students (age 15-18) for the Blue sectors in schools in Cyprus, Greece, Bulgaria, and Romania.  
   - Visits to 200 schools

5. Re-train blue professionals in the maritime sector, cruise tourism, fishing tourism and ichthyotourism, and offshore oil and gas sectors.  
   - 4X40 people

6. Establish introductory e-learning courses for the maritime transport sector, for offshore oil and gas sector, for marine aquaculture sector, cruise tourism and for fishing tourism and ichthyotourism.  
   - 5 introductory e-learning courses
7. Sharing and pooling of resources, such as maritime simulators and possibly a training vessel from the EM & BS area.

8. Organise Blue Career Fairs (Days) in the Eastern Mediterranean and Black Seas. Inventory of available resources

8: 2 in each participating country (CY, GR, BU, RO)

9. Promote the mobility of students and staff within the region. 30 students, 6 staff

10. Balance the demand and supply of maritime, aquaculture, cruise tourism and offshore oil and gas professionals in the region.

Matching database for maritime professionals

11. Promote the harmonisation of Maritime Education and Training

Organization of the first Regional Conference of Maritime Education & Training Providers
Blue Growth and Employment

Primary objective: is to create and sustain quality jobs

Advantage of blue growth opportunities  An adequate skilled and Educated force to use and apply latest technologies, tools and equipment, filling in a number of gaps.

WP2: Survey on Mapping of the provided maritime education and training in the Eastern Mediterranean and Black Sea region aiming to bridge the gap between the competencies and the skills required for the Four (4) preselected Marine and Maritime Economic Activity (MEA) and to propose a structured methodology in order to guide professionals and students in their professional career in blue sectors.
I. Marine Transport

○ Cyprus

✓ The Second biggest blue economic sector, exhibiting a significant upward trend in employment.

- The period 2016-2026: 253 persons or 4.3% per year 13% total of the employment demand
- The period 2011-2016: 17 persons or 0.3% per year.
- The period 2016-2026 is expected to emerge in Maritime Transport and Shipbuilding related professions Employment needs will be high related professions 52 people or 7.6% per year.
- 1 out of 6 employed persons
II. Maritime and Coastal Tourism

○ Cyprus
✓ The most important sector of the blue economy and of the overall economy.

- 55% added value of the blue economy & professions.
- 8 out of 10 employed persons in this sector.
- In 2016 24,884 employees 79,9% of the total number of employees
- In 2026 32,636 people 80,6% of the total number + 31,2%.
- Employment increase by 775 persons 2,7% per year,
- Over the period 2011-2016 +386 persons +1,6 % annually
- Over the period 2016-2026 total employment needs 1,344 people 5,1% per year.
III. Marine Aquaculture

- Cyprus

✓ In terms of employment Aquaculture is considered to be the third most important sector of the Cyprus Blue economy in the group of sectors of Fisheries, Aquaculture and Seawater Desalination.

- Almost 90% of the enterprises in the aquaculture sector are micro-enterprises (≥ 10 employees) in coastal and rural areas.
- This sector has a significant contribution: (i) reduction of the fishing deficit, (ii) jobs creation, particularly employment of scientific staff, (iii) development of remote areas and (iv) provision of an affordable and highly nutritional food product.
- Cyprus Marine Aquaculture has been exhibiting an overall increase in production at an average annual rate of 5% the European funds support for productive investments.
- The lowest number of employees is observed in the Fisheries and Aquaculture related professions.
  - In 2016 581 persons (2,4% total number of persons employed in blue professions)
  - in 2026 615 (1,9% of the total number of persons employed in blue professions), an increase of 5,9%.
- Over the period 2016-2026, the employment needs in Fisheries and Aquaculture related professions 20 persons or 3,4% per year.
Results of the Market Analysis Survey (4)

IV. Offshore Oil and Gas
   ○ Cyprus

✓ Significant developments in energy issues rendered the offshore oil and gas sector very important
✓ Exploration of the reserves and the potential for extraction of natural gas from the Cypriot EEZ (Exclusive Economic Zone)
✓ Creates new promising prospects for Cyprus in the economic and research fields.
✓ The potential construction of a liquefaction terminal for natural gas extraction can turn Cyprus into an international energy center.
✓ Affects the employment opportunities, since top-level professions that are associated with this sector will be on the rise particularly the ones relating to the natural gas extraction
IV. Concluding

○ Cyprus

The blue economy is important 36% of the Added Value of the Blue Economy

✓ Total employment in the blue economic sectors of Cyprus during the period 2016-2026 is forecasted to exhibit an upward trend.

- Total employment demand is estimated at 1,900 persons or 5.4% per year which corresponds to 14.3% of total employment demand for the Cyprus economy.
Thank you very much for your attention!

More info and Updates

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