Stakeholder Seminar on Blue Economy

“Towards a Common Maritime Agenda for the Black Sea”

19 March 2019 in Istanbul

Workshop 6: Blue skills and blue careers of the future

Actions & Outcomes
### Objective 1: Constant upgrade skills and competences in accordance with market demand

**Actions**
- Develop a regional platform to accommodate sharing of actions and skills needs for Blue economy within the Black Sea

**Stakeholders**
- Local and national authorities
- Training providers - industry partnerships
- Employers/employees

**Black Sea Added Value**
- Real-time feedback on the present and future needs for specific blue skills
- Targeted training programmes for the development of blue skills in the Black Sea region

**Lessons learnt and related projects**
- ERASMUS+
- MENTOR
- MARINE
- ADB multiplatform
- BlasNET
- Blue Career Center

**Project ideas**
- Grants/calls to set up a platform for sharing actions and for skills needs for Blue economy within the Black Sea (EMFF)

**Actions**
- Set up programmes for internship and VET (e.g. ERASMUS+ like programmes) adapted to the Black Sea needs

**Stakeholders**
- Local and national authorities,
- Training providers - industry partnerships, employers/employees

**Black Sea Added Value**
- Commonly accepted and shared programmes across Black Sea basin that correspond to Black Sea Blue Economy market demand (mature and emerging sectors)

**Lessons learnt and related projects**
- ERASMUS+
- MENTOR

**Project ideas**
- Grants/calls to develop programmes for internship and VET, adjusted for the Black Sea region and targeted to reach its Blue Economy highest potentials in job- and Gross Value Added (GVA) creation (EMFF/Blue skills)

### Objective 2: Fully develop the ability to understand and uptake advanced technologies
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| Promote national demonstration centres on advanced technologies and share good practices at regional level | • Local and national authorities  
• Training providers-industry partnerships | Targeted dissemination of good practices (training) at national and regional level in accordance with Black Sea Blue Economy potentials | • Several existing sectoral infrastructures at national level (e.g. shipping, ICT, etc.)  
• Several outcomes by joint actions in the Black Sea (e.g. shipping simulator)  
• MENTOR EU project | • Launch a study for the scoping of the national demonstration and training centres for Blue economy in Black Sea (BSEC PERMIS or H2020 or EMFF)  
• Based on the outcomes of the study, launch communication and dissemination campaigns at national and regional level |
| Introduce Blue Competitions, engaging and serious games for differently skilled audience (e.g. Hackathons) | • Academia and institutes, private sector (SMEs)  
• Innovation clusters | Significant promotion of Blue Innovation in the Black Sea region  
• Awareness raising for the general public across the region | • Similar experience in Atlantic  
• Maritime Business Investment Forum 2019 (Constanta, Romania) or Georgia | • Develop the concept of Award on marine/maritime innovation in the Black Sea  
• Organisation of ‘Blue Invest’ day in the Black Sea |
### Objective 3: Attract young talents and qualified professionals

**Use Education as a way to raise interest in maritime issues (including education of teachers)**

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| Use Education as a way to raise interest in maritime issues (including education of teachers) | • National administrations  
• Private sectors/cluster  
• Black Sea NGOs  
• Black Sea Universities Network (BSUN) | Contribution to raise interest in maritime issues in relation to shared human heritage in the Black Sea region | Mentor EU Project BSUN | • Grants/calls for the development of national programs on Black Sea maritime issues (e.g. environment, innovation, jobs, etc.) at all stages of education (EMFF)  
• Launch promotion on blue careers in schools at national level pointing out the job opportunities in the Black Sea and beyond  
• Study to review and assess marine and maritime training programs of Black Sea universities and create of a virtual platform of the best programs (EMFF/blue skills) |
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<td>Develop mobility programs</td>
<td>Black Sea Universities Network (<a href="#">BSUN</a>) National administrations Private sector/ clusters</td>
<td>Sharing of good practices within the Black Sea region and beyond</td>
<td>ERASMUS +</td>
<td>Grants/calls to develop programmes for internship and VET, adjusted for the Black Sea region and targeted to reach its Blue Economy highest potentials in job- and Gross Value Added (GVA) creation (<a href="#">EMFF/Blue skills</a>)</td>
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<td>Objective 4: Promote full circulation of skills and workers in the Black Sea</td>
<td>Encourage life-long learning including national and regional programmes, and fully exploit the opportunities of the digitalized, on-line life-long learning. National administrations Black Sea Universities Network (<a href="#">BSUN</a>)</td>
<td>Sharing of good practices within the Black Sea and beyond</td>
<td>ERASMUS +</td>
<td>Grants/call to develop programmes for internship and VET, adjusted for the Black Sea region and targeted to reach its Blue Economy highest potentials in job- and Gross Value Added (GVA) (<a href="#">EMFF/Blue skills</a>)</td>
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<td>Encourage cross regional internship programmes for maritime experts and blue careers developed by business representatives (e.g. SMEs, sectors representatives, etc.), in cooperation with educational institutions.</td>
<td>National administrations Black Sea Universities Network (<a href="#">BSUN</a>)</td>
<td>Sharing of good practices within the Black Sea and beyond</td>
<td>ERASMUS +</td>
<td>Grants/calls to set up programmes for internships and VET across the Black Sea countries (<a href="#">EMFF/Blue Skills</a>)</td>
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<tr>
<td>Foster regional training programmes and vocational education, mobility of youth, employees, learners and teachers.</td>
<td>National administrations Black Sea Universities Network (<a href="#">BSUN</a>)</td>
<td>Sharing of good practices within the Black Sea and beyond</td>
<td>ERASMUS +</td>
<td>Grants/calls to set up programmes for internship and VET, across the Black Sea countries (<a href="#">EMFF/Blue Skills</a>)</td>
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### Actions

**Promote the setting up of skills hubs for the Blue Economy across the Black Sea**

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<td>National administrations</td>
<td>• Sharing of good practices within the Black Sea and beyond</td>
<td>Grants/calls to set up of pilot project for the establishment of a Blue Economy Skills hub with the participation of at least 3 different Black Sea countries’ institutes (EMFF/Blue Skills)</td>
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<td>Black Sea Universities Network (BSUN)</td>
<td>• Increased cooperation between education and research institutes, industry, innovation centres and public authorities</td>
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**Istanbul, March 2019**