

A vision for marine graduate training programmes in Europe

There is a mismatch between the needs of policy and industry in a changing world, and the typically more traditional approach to educating graduates within the University system.

There is strong emphasis on Blue Growth in Europe. However traditional marine-based graduate programmes at Masters and Doctorate level do not equip our future marine professionals with the ability to realize the potential of a sustainable blue economy. We need graduates who:

- understand the needs and requirements of blue industries, and have had exposure to both academic and non-academic careers;
- have and can apply multi-disciplinary knowledge to complex marine systems;
- have a good range of transferrable skills and experience; and
- can ensure innovation and bring new ideas to address new challenges.

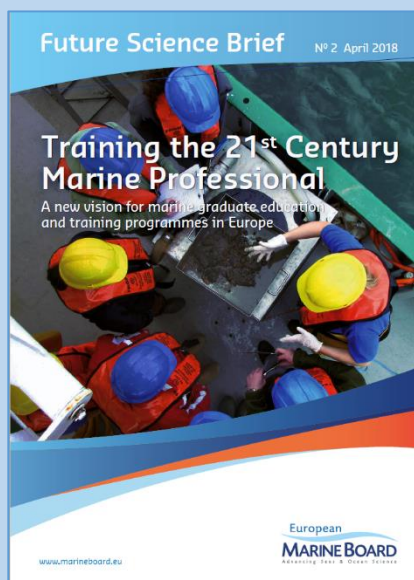


Credit: iMarEST

Recommendations

Achieving a modern vision of marine graduate training needs to:

- Deliver relevant policy support initiatives to address the gap between marine graduate training and Blue Growth;
- Develop training content across academia, government (policy & funding) and industry;
- Maximize recruitment of students and professionals to take an interest in marine graduate training and blue careers;
- Advance the European Higher Education Area for marine science and technology;
- Modernize training programmes;
- Establish long-term, flexible funding instruments at national and EU level to support innovative marine training.



More information in the EMB Future Science Brief 2 “Training the 21st Century Marine Professional”, free to download at:

<http://www.marineboard.eu/science-strategy-publications>

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