




# **Blue Economy Workforce Development**

**How will we cultivate a workforce to support the Blue Economy?**

**Liesl Hotaling, Eidos Education**



**Effective partnerships between the research, business, military and education communities are needed to provide skills development opportunities.**

**To be inclusive, these opportunities must also encourage transnational, inter-sectoral, interdisciplinary mobility and address the two workforce pools (professional and technicians).**



**Transnational**



**Inter-sectoral**



**Interdisciplinary**



**European Commission**

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+ ICT skills + foreign languages**

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**Vocational Education and Training should not be considered a second choice**

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## **European Commission**

**Vocational Education and  
Training should not be  
considered a second choice**

**Maritime clusters can  
facilitate the business-  
education cooperation process**

## **Sectors of the Blue Economy**

**Harvesting of Living Resources** (Fisheries, Aquaculture, Marine Biotechnology)

Drivers: Food security, Pharma R&D

**Extraction of Non-Living Resources** (Seabed Mining, Oil and Gas, Alternative Energies, Fresh Water)

Drivers: Minerals, Energy Sources, Freshwater Shortages

**Commerce** (Shipping, Ports, Tourism, Coastal Development)

Drivers: Growth in Shipping, Global Tourism, Coastal Urbanization

**Ocean Health Challenges** (Monitoring, Coastal Protection, Carbon Sequestration, Waste Disposal)


Drivers: R&D in Ocean Technologies, Conservation Activities




# Workforce pools



# **Effective partnerships and coordination**



**How can we best work together to create bridges for retiring and separating service people to more easily transition into industry?**



**How do we expose / inform students of OceanSTEM opportunities at the K-16+ level knowing that regular coursework is not doing this job for us?**





## **Blue Workforce Development Summary:**

- **Partnerships and Coordination**
- **Transnational**
- **Inter-sectoral**
- **Interdisciplinary**
- **Workforce preparation**